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CLIMATOLOGICAL DATA

ILLINOIS

JANUARY 1949
Volume LIV No. 1



CHICAGO: 1949

ILLINOIS - JANUARY 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

This month was the second wettest January of record. It averaged warm and gloomy. Severe glaze conditions affected areas of the extreme western portion of the State.

During the first 16 days of the month temperatures averaged above normal, with about one-half of that period in the unseasonably warm class. On the 8th and 15th readings were more than 20° above normal throughout the State. Sub-normal temperatures of importance were largely limited to two periods of about four days duration, from the 17th to 20th and 28th to 31st. The first mentioned cold period was by no means State-wide and for the entire month only the 29-30th averaged markedly below normal. Only over about a 15-county area in the extreme northwestern portion of the State did temperatures drop to 10° or more below zero. Most of the southern division escaped zero temperatures. Several stations in the most northwesterly counties had zero or lower on 6 to 8 dates.

Precipitation occurred with unusual frequency for January. The number of days with precipitation averaged about 13 compared with a normal of 8. Heavy to excessive amounts of rainfall occurred in the southern division about the 4th, 16-18th and 23rd-27th. A considerable number of central division stations had heavy rainfall also around these dates. In scattered localities rainfall exceeded an inch also in the central and southern divisions on the 10th-11th. South of a line extending roughly from McHenry to Adams county snowfall generally totalled but a few inches. Severe ice storms occurred about the 10th and on the 17-18th. The first storm was most severe in the west-central counties lying between the Mississippi and Illinois rivers and to the immediate eastward of the latter river. Ice accumulated to a reported diameter of 1 1/2 inches on utility wires in some localities. In the storm of the 17th most of the above area was affected and the counties of St. Clair and Monroe to Jackson were also severely affected. While generally the accumulation of ice was not so heavy on the 17-18th as about the 10th, wind was the big factor in downing utility lines. It is estimated that the two storms damaged utilities in the amount of $775,000. Damage to telephones was nearly half of this amount. The Illinois Bell reported that 777 poles had to be restored plus 249 miles of copper and steel wire. Trees suffered considerably. Some traffic accidents were reported because of icy streets and highways. Reports of many persons injured from falls on the ice were received and at least one person died from such an accident.

Winter crops were apparently not adversely affected to any important extent by the month's weather, except by flooding in limited areas of the extreme south. Livestock generally remained in good condition.

TEMPERATURE

The mean temperature for the State was 30.2°, which is 2.6° above normal. The monthly mean temperature ranged from 41.0° at Cairo to 21.6° at Stockton. The highest temperature recorded in the State was 71° at Harrisburg on the 15th and the lowest was -23° at Freeport on the 20th.

PRECIPITATION

The average precipitation for the State was 6.09 inches, which is 3.75 inches above normal for January. The total amounts recorded at the various stations ranged from 13.16 inches at Cairo to 1.12 inches at Rochelle. The heaviest precipitation reported in any one day was 5.80 inches at Cairo on the 24th. The monthly average snowfall was 3.1 inches or 2.6 inches less than normal. Monthly snowfall totals ranged from 12.9 inches at Rockford Airport to a trace at several southern stations. The greatest depth of snow reported on ground over the State during the month was 0.8 inch at Dixon on the 19th.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 a. E. S. T.	Percent of possible	
CAIRO	30.71	29	29.54	27	10.5	40	SW	27					28	742
CHICAGO AIRPORT	30.77	20	29.29	28	10.5	36	W	6					35	1134
MOLINE AIRPORT	30.79	20	29.22	27	11.5	38	W	5					36	1302
PEORIA AIRPORT	30.78	19	29.30	27	13.1	52	W	27					34	1191
SPRINGFIELD AIRPORT	30.76	29	29.36	27	15.9	65	SW	27					38	1105

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	33.7	74	-13	5.46	2.8	10
1891	31.5	63	0	1.76	5.1	7
1892	20.7	62	-25	1.73	13.2	8
1893	15.6	63	-26	1.25	9.1	8
1894	30.6	73	-26	2.19	4.5	6
1895	21.0	68	-19	1.90	10.9	7
1896	29.7	61	-15	1.18	1.1	5
1897	25.1	70	-28	4.62	6.7	10
1898	31.3	70	- 8	4.35	10.7	9
1899	27.0	64	-21	1.94	3.6	7
1900	31.8	71	-12	1.25	0.7	6
1901	30.3	69	-21	1.46	3.6	5
1902	27.4	68	-24	1.03	7.1	5
1903	27.0	70	-12	1.42	7.0	7
1904	20.7	61	-25	3.02	11.6	9
1905	20.8	68	-15	1.67	6.8	7
1906	32.9	75	- 6	3.36	4.7	7
1907	31.8	77	-11	5.78	5.8	13
1908	30.0	62	-12	1.49	5.5	5
1909	29.6	78	-20	2.34	7.0	9
1910	27.2	67	-31	2.09	5.8	8
1911	30.8	73	-12	1.86	3.5	8
1912	14.7	59	-30	1.15	7.3	6
1913	31.1	68	-10	4.39	3.3	11
1914	34.4	72	- 3	1.96	6.3	7
1915	23.9	60	-29	2.57	8.2	9
1916	30.6	72	-24	6.82	3.0	13
1917	28.4	73	-21	2.03	3.5	6
1918	12.8	56	-23	2.37	20.8	9
1919	32.0	66	-28	0.46	1.3	3
1920	22.5	69	-18	1.48	8.1	7
1921	34.4	68	- 2	1.53	3.0	8
1922	26.1	69	-11	1.29	3.4	5
1923	34.0	70	5	1.67	3.2	9
1924	22.0	62	-25	1.77	5.9	8
1925	26.8	62	-11	0.65	4.9	5
1926	29.4	64	-13	1.66	5.7	9
1927	26.6	63	-34	2.46	8.9	8
1928	29.2	74	-19	1.08	1.0	4
1929	22.3	70	-24	3.94	8.8	13
1930	20.9	64	-35	4.70	12.1	14
1931	33.4	74	-11	0.57	2.7	4
1932	36.1	70	- 6	3.09	1.2	12
1933	38.9	70	4	2.63	0.8	6
1934	34.1	69	-10	1.19	0.8	6
1935	29.6	67	-16	2.41	1.2	7
1936	20.7	66	-27	1.40	10.6	9
1937	28.3	67	-12	6.05	4.2	12
1938	28.5	62	- 7	2.57	3.5	8
1939	34.5	71	- 2	3.10	10.3	11
1940	15.0	51	-24	1.47	9.3	8
1941	30.9	63	- 8	2.50	6.2	10
1942	28.0	68	-24	1.46	3.1	5
1943	27.9	78	-27	1.20	8.4	9
1944	33.3	74	-13	0.57	0.6	4
1945	23.9	60	-17	1.08	7.8	7
1946	30.4	65	-10	2.17	2.7	8
1947	32.2	72	-22	2.21	5.2	8
1948	22.6	66	-17	1.68	4.5	5
1949	30.2	71	-23	6.09	3.1	13
PERIOD	27.8	78	-35	2.34	5.7	8

See reference notes following Station Index.

Station	Temperature						No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	24.7	1.1	55	8	- 9	30		30	3.57	2.04	.68	28	11.6	5	19+	9	7	
ANTIOCH	25.4	4.3	54	15	- 9	30		30	3.02	1.37	.85	27	4.2	5	27+	11	4	
AURORA COLLEGE	26.0	3.0	59	15	- 6	30		30	3.91	2.13	.75	10	3.9	3	19+	12	6	
CHICAGO WB AIRPORT	28.3	6.0	60	15	- 4	30		26	3.32	1.42	1.11	18	0.5	T	1+	14	4	1
CHICAGO UNIVERSITY	29.8	6.1	62	15	- 4	30		24	3.53	1.63	1.20	18				12	5	1
CHICAGO WB CITY	30.4	5.3	61	15	- 2	30		21	3.69	1.79	1.23	18				13	5	1
CICERO	29.4	4.6	59	15	- 5	30		27	3.47	1.71	.96	18	1.2	1	19	13	4	
DIXON	24.4	2.4	56	15	-13	20		30	2.57	1.02	.55	27	8.0	8	19+	12	4	
FREEPORT	22.3	2.3	52	15+	-23	20		30	3.29	1.93	.77	27	12.8	6	28+	15	5	
FULTON DAM 13	23.4	2.2	52	16	-13	20		30	2.79	1.31	.80	28	9.9	5	19+	14	5	
GALESBURG	26.8		61	15	- 3	29		28	3.58	1.74	.77	27	6.5	5	19	9	6	
GALVA	25.8	2.6	59	15	- 8	20		28	3.00	1.42	.58	23	7.5	6	19+	11	4	
HENRY	26.8	1.6	62	15	- 4	30		28	3.89	2.08	.74	18	3.5	3	19+	12	6	
JOLIET WB AIRPORT	27.1	4.7	62	15	- 4	29+		28	3.59	1.77	1.15	18	0.8	1	11+	12	5	1
KANKAKEE	29.0	3.8	63	15	- 3	30		28	3.83	1.96	.75	27	2.8	3	11+	11	9	
KANKAKEE 4 W	28.7		62	15	- 4	30		29	4.07	2.22	.97	18	4.0	3	11+	15	8	
KEWANEE	24.4	1.0	56	15	- 8	20+		29	2.95	1.32	.77	27	0.6	6	18	8	5	
LA SALLE	27.4	2.4	60	15	- 4	30		27	3.51	1.89	.71	18	3.6			14	6	
MARENGO	24.4	3.5	52	15+	-13	20		30	2.96	1.39	.61	27		4	19+	12	4	
MARSEILLES LOCK	26.3		61	15	- 4	30		27	3.35	1.55	.87	19	T			9	6	
MOLINE WB AIRPORT	23.0	2.8	56	15	-15	19+		27	3.28	1.86	1.06	27	5.3	4	19+	11	5	1
MONMOUTH	24.4M	0.3	56	15	-11	20		29	4.36	2.57	.90	27	6.2	5	19+	13	7	
MORRIS 3 NE	27.8	3.6	63	15	- 4	30		29	3.13	1.30	.81	18	2.0	1	11+	14	5	
MORRISON	22.7	0.4	53	7	-18	20		30	3.30	1.73	.65	28	11.1	6	1+	10	7	
MOUNT CARROLL	22.8	2.0	59	15	-20	20		30	3.23	1.75	.70	27	11.7	5	19+	14	6	
OTTAWA	27.2	2.3	60	15	- 4	30		28	3.72	1.98	.83	18	3.2	1	11+	12	7	
PONTIAC	28.4	2.1	63	15	- 3	30		28	4.06	1.98	1.04	18	1.9	1	11+	12	6	1
ROCKFORD	24.6	3.1	53	15	- 9	29+		30	2.66	0.98	.60	27	9.5			11	5	
ROCKFORD CAA	22.5	3.7	54	15	-22	20		30	3.01	1.36	.92	27	12.9	6	19	11	4	
STOCKTON	21.6		50	15+	-16	20		31	3.20	1.85	.77	27	6.5	4	27+	14	5	
SYCAMORE	24.1	2.6	53	15	- 9	20		30	2.99	1.49	.99	27	3.1	4	19+	8	5	
UTICA STARVED ROCK DAM	25.5		62	16	- 4	30		27	3.06	1.39	.78	19	1.0	1	12+	9	5	
WALNUT	25.2	1.7	56	15	-10	20		29	3.25	1.55	.95	18	5.1	5	18	8	6	
WAUKEGAN	26.8	3.9	57	15	- 7	30		30	3.55	1.89	.84	18	3.5	2	18+	14	5	
DIVISION	25.8	2.4							3.37	1.62								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	29.5	3.3	64	15	- 4	30		26	5.57	3.47	1.00	18	0.9	1	19+	14	9	1
CARLINVILLE 4E	31.4	1.7	66	15	- 4	30			7.23	4.91	1.68	4	1.6	1	16+	16	7	3
CHARLESTON	32.3	2.9	65	15	- 4	30		25	7.05	4.54	2.65	18	2.0	2	31	9	5	3
DANVILLE	32.4	4.7	64	15	- 3	30		25	7.20	4.69	2.10	18	2.1	1	28+	13	8	2
DECATUR	31.1	3.0	67	15	- 3	30		26	6.05	3.73	1.43	18	0.6	T	16+	15	7	2
EFFINGHAM CAA	32.7	3.9	65	15	- 1	30		23	6.43	3.71	2.13	18	0.7	T	25+	14	8	1
GRIGGSVILLE	28.0	-0.5	67	15	- 5	30		26	4.86	2.89	.87	10	5.3			14	7	
HAVANA	28.4	1.7	65	15	- 4	30		27	4.69	2.72	.87	11	0.3			10	6	
HILLSBORO	32.6	2.4	66	15	- 2	30		25	6.87	4.44	1.75	18	2.0	1	16+	13	6	3
HOOPESTON	30.8	4.0	64	15	- 3	30		25	6.28	3.86	1.72	18	1.0	1	11	13	7	1
JACKSONVILLE	30.0	2.1	67	15	- 4	30		27	5.38	3.46	1.01	27	1.0	1	19	10	7	1
LA HARPE	26.0	0.7	61	15	-10	20		28	4.94	2.99	1.64	10	7.0	7	18+	11	5	1
LINCOLN	29.7	2.4	65	15	- 3	30		26	6.23	4.17	1.62	18	1.2	1	18+	12	8	1
MATTOON	31.1		65	15	- 2	30		24	7.24	4.79	2.15	18	1.7	2	31	13	6	2
MORRISONVILLE 1E	30.0	1.2	65	15	- 6	30		28	5.70	3.50	1.24	18	5.5	2	16+	11	8	2
PALESTINE	35.9	4.4	63	15	1	30		20	8.97	5.75	2.00	18	3.1			17	9	2
PANA	31.9		66	15	- 4	30		27	6.83	4.47	1.35	18	2.1	1	28	13	8	3
PEORIA WB AIRPORT	26.5	2.4	63	15	- 4	29+		28	4.43	2.65	1.01	18	3.0	2	19+	15	5	1
QUINCY	27.9	-0.7	65	15	- 4	30		26	4.79	2.94	.87	10	4.9	3	18	13	7	
QUINCY CAA	26.5		65	15	- 6	30		28	5.03	3.18	1.12	27	6.2	4	19+	11	8	1
RANTOUL CHANUTE AF BASE	29.9		63	15	- 2	29+		25	6.45	4.23	1.15	10	1.6			15	9	2
RUSHVILLE	27.9	0.9	67	15	- 4	30		28	4.77	2.97	1.02	11	4.0	4	19	11	8	1
SPRINGFIELD WB AIRPORT	29.2	4.5	65	15	- 2	30		28	5.67	3.57	1.50	18	1.3	1	19	14	7	1
SPRINGFIELD WB CITY	30.4	3.9	65	15	0	30		26	5.65	3.55	1.50	18				13	6	2
TABLE GROVE	27.7	1.7	66	15	- 3	30		27	4.66	2.80	.85	10		4	19+	11	8	
TUSCOLA	32.4		64	15	- 4	30		25	7.87	.88	1.92	18	0.9	1	31	15	9	2
URBANA	30.4	3.6	64	15	- 3	30		27	6.21	4.04	1.75	18	1.9	1	31	18	6	2
VIRDEN	30.8		65	15	- 2	30		27	5.94	3.72	1.39	18	0.2	T	19+	10	7	2
WATSEKA	29.7		63	15	- 3	30		28	4.55	2.61	1.30	18	1.0	1	11+	15	7	1
WHITE HALL 1 E	30.7	2.1	66	15	- 2	30		28	4.94	2.86	1.10	23	1.0			11	7	2
WINDSOR	30.8M	1.9	63	15	- 4	30			8.05	5.63	2.36	18	3.0	2	31	14	7	3
DIVISION	30.1	2.6							6.02	3.81								
SOUTHERN DIVISION																		
ALTON DAM 26	30.6		64	15	- 1	30		29	6.24	3.80	1.93	19	1.3	1	19+	17	7	1
ANNA	37.9	2.9	69	15	4	30		20	10.98	7.06	2.94	24	3.0	2	31	16	7	4
BELLEVILLE SCOTT AF BSE	34.1	2.6	66	15	1	30		23	7.73	5.15	2.25	18	1.0	1	30	13	8	2
CAIRO WB CITY	41.0	6.1	70	15	9	30		9	13.16	9.40	5.80	24	1.0	1	31	16	9	4
CARBONDALE SEWAGE PL	38.6	3.7	69	15	6	30		19	10.15	6.63	1.70	24	2.0	2	30	16	11	4
CARLYLE	32.9	1.3	66	15	0	30		22	8.47	5.84	2.35	18	T	T	28+	14	7	3
DU QUOIN	37.7	4.0	69	15	4	30		20	11.28	8.12	2.90	24	1.1			11	7	5
EAST ST LOUIS	34.5	1.3	69	15	1	30		22	8.04	5.55	2.43	18	0.6	1	18+	12	7	4
FAIRFIELD	37.5	4.4	68	4+	3	30		22	12.23	8.99	2.70	24	2.0	2	31	14	12	4
FLORA	34.2		68	15	- 1	30		22	10.36	7.27	2.32	18	1.7			12	10	5
GOLCONDA DAM 51	38.6	4.4	66	15	6	30		14	10.21	5.39	2.97	25	3.0	3	31	15	11	3
GREENVILLE	33.0	2.4	66	15	2	29+		23	7.38	4.80	2.04	18				13	7	2
HARRISBURG	39.4	3.9	71	15	6	30		15	9.09	4.98	2.05	24	2.7	1	31	12	9	3
MC LEANSBORO	38.6	5.1	70	15	3	30		19	9.92	6.16	2.71	24	4.4	4	31	13	8	3
MT CARMEL	39.1	6.0	68	15	4	30		18	11.36	7.35	4.25	24	T	T	2	18	9	3
MT VERNON	33.8	1.4	68	15	- 2	30		27	11.02	7.71	2.98	18	1.5			11	9	3
NEW BURNSIDE	38.4	3.8	70	15	3	30		20	10.13	5.85	2.30	24	2.5	2	31	14	9	4
OLNEY	36.1	4.1	67	15	1	30		21	10.47	7.06	2.48	18	3.0	2	31	11	8	4
SPARTA	35.2	1.7	68	15	1	30		21	9.00	6.03	2.48	24	2.0	1	18+	12	8	3
DIVISION	36.4	3.5	19						9.85	6.50								
STATE	30.2	2.8							6.09	3.75								

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

ILLINOIS

JANUARY 1949

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION		T	.09	2.56	.60					.36	.04					.66	.34	1.34	.06		.06		.68	4.17	.05	.60	1.01	T			.20	12.72
ALEDO	.10	T	.44						T	.37	T				.54	.01			.48		T		.44		T	T	.51	.68				3.57
ALEXIS WATER WORKS R			.20	.23					.15	.05	.20		.25		.32			.48	.02		.03		.52		.02	.02	.85					3.34
ALTON DAM 26			.02	.53	.18					.68	.47	.04	T			.17	.22	.13	1.93				.04	.74	.02	.38	T	.66	.01		.02	6.24
ANNA		.02	.07	2.21	.12					T	.01				.02	1.47	.04	1.72	T		.03		.52	2.94	.42	.22	.99	T	T		.18	10.98
ANNAWAN			.07	.06						.40					.11	.02		.37	.02				.62		.02		.80	.05				2.54
ANTIOCH		T	.04	.18	T					.12					.18			.71	.12				.38	T	.09	.05	.85	.30				3.02
AUGUSTA HIGH SCHOOL R			.05	.09					.47	.36	.49		.33		.37			.80					.54		.20	.02	.85					4.57
AURORA COLLEGE			.03	.33		T				.73	.02				.36		T	.69	.22				.64		.02	.09	.55	.21				3.91
BARRY			.01	.18					.01	.72	.85	.01			.03	.09	T	.59	.15			T	.78	.01	.11	.32	.97	.07	T	T	T	4.90
BEARDSTOWN			T	.10	.04					.40	.62	.33	T		.02	.08		T	.72				.16	.70		.40	.05	.92	T		T	4.54
BEARDSTOWN LAGRANGE D R//			.13	.02					.23	.34	.42				.13			.50	.06		*	*	1.12	.03	.30	.13	1.04					4.45
BELLEVILLE SCOTT AF BSE Z	T	T	.78	.31					T	1.61	T	T		T	.22	.27	T	2.25	T				.85	.24	.12	.32	.65	.01	T	T	.10	7.73
BELVIDERE SEWAGE PLANT R			.05	.18					.07	.08					.13			.48					.34		.19	.05	.84	.03				2.44
BENTLEY				.24					T	.16	.40				.41	.43		.63	.41				.57		.24		.80					4.29
BENTON		.09		1.55	.24					.02	.02					.90		1.95					.95	3.98	.03	.60	.83				.18	11.24
BLOOMINGTON NORMAL			.03	.29	T					.68	.62	.06			.17	.10		1.00	.41				.59		.62	.89	.30				.01	5.57
BLUFFS			.01	.17					.15	.53	.23				.50	T		.83	.62			.30	.66		.28	.12	1.10					4.90
BRADFORD CAA	T	T	T	.23	T	T			.30	.02	.22	T		T	.29	T	T	.63	.03		T		.37	T	.18	.17	.44	.04			T	2.92
BROOKPORT DAM 52		T	.25	.32	1.29						T	T			T	.37	.90	.35	.40		.05	.49	.05	.90	5.22	.42	.20	.61			.30	12.12
CAIRO WB CITY R		.16	.67	1.32				T	T	T	.01		T	T	.21	1.04	.05	1.02			.53		.67	5.80	.52	.17	.82	T	T	.05	.12	13.16
CAMP ELLIS R			.29	.03					.47	.12	.39			.01	.25			.62					.67		.32	.01	.85					4.03
CANTON									.65						.61			.80	.20				.60		T	T	.95	T				3.81
CARBONDALE SEWAGE PL		.07	1.30	.84						.01					.50	.52	.62	1.16			.01	.25	1.60	1.70	.71	.09	.65		.12			10.15
CARLINVILLE 4 E			.06	1.68					.09	.95	.25	T			.02	.30	T	1.40	.05		.01		1.27	T	T	.14	.85	.06		.02	.04	7.23
CARLYLE			.08	1.61	.01					1.39	.11					.50	T	2.35	.05				.75	.24	.10	.37	.88		.03			8.47
CARMI		.02	.10	1.98	.46					.08	T					.93		1.24			.08		.95	2.38	.19	.41	.95	T			.15	9.92
CARPENTER 1 SW R			1.01	.07					.05	.87	.05				.10	.13		1.86					.75			.23	.91					6.03
CASEY			.35	1.65					.24	.53	.16					.50		2.64					.65	.15	.07	.35	.90	.11			.09	8.39
CENTRALIA 3 N				.85	.76					.50	.10					.15		-					.60	.70		.30	1.00				.50	
CHANDLERVILLE			.17	.21					T	.53	.52				.25			.90					.89		.47		1.10					5.04
CHANNAHON DRESDEN ISLD				.04	.31					.33	T	.16			.07	.07			.95					.61	.31	.01	.79	T			T	3.65
CHARLESTON			.20	1.23						.58	.10				T		T	2.65					.86		.05	T	1.23	T			.15	7.05
CHENOA		.07	.02	.31					.06	.65	.37				.17	T	T	1.23	.02				.49		.16	.27	.96	.01	T		.01	4.80
CHESTER				.98	.19					.05	.07					.10	.30	2.20	.40				.23	2.23	1.58	.15		1.00	T		.05	9.53
CHICAGO CAL TREAT WKS R			.06	.43					.07	.25					.25			-	-				.46		-	-	.86	-	-	-		
CHICAGO HEIGHTS			.39	.06	T				T	.29	T	.03			.11	.33		.05	1.20	T	T			.55	-	.23	.41	1.71	T		.02	5.38
CHICAGO N BRA PUMP STA R			.02	.14					-	.16					-			-	-				-	-	-	-	-	-	-	-	-	
CHICAGO SAN DIST DISPA R			.05	.20					.07	.19					.30			-	-		.01		.47		-	-	-	-	-	-	-	
CHICAGO SAN DIST OFF R			.06	.25					.06	.18					-		-	-	-				-	-	-	-	-	-	-	-	-	
CHICAGO UNIVERSITY R			.06	.39					.05	.25					.18			1.20	.01				.40		.09	.11	.77	.02				3.53
CHICAGO WB AIRPORT R			.06	.20	T	T			.09	.19	.01				.37	T	T	1.11	.01	T	T		.44	T	.11	.11	.58	.03			.01	3.32
CHICAGO WB CITY R			.06	.26	T	T			.08	.17	T				.34	T	.01	1.23	.02		T		.49	T	.10	.12	.79	.02			T	3.69
CHILLICOTHE			.05	.19						.52	.36				.09	.05	T	.72	.15				.65	T	T	.30	.58	.13			T	3.81
CICERO			.08	.15	.01	T				.24	T				.16	.18	T	.96	.18	T			.48	.02		.20	.51	.30			T	3.47
CISNE BROWN CAMP R			1.00	1.59	.01					.41					.16	.69		2.65			.04		1.29	2.37	.22	.30	.87				.09	11.69
CLINTON			.08	.73	.06				.70	.05	.73			.05	.15	.15	T	1.45	.06				.60	.05	T	.45	2.00		.05		.03	7.39
COLLINSVILLE R			.95	.16					.02	1.19	.03				.11	.34		2.29					.60	.07	.12	.14	.90				.03	6.95
CRETE R			.33						.05	.20	.10				.38			1.30					.48		.11	.25						3.26
DANVILLE			.07	1.33	.04				T	.87	.53	.03			T	.30		2.10	T				.44	T	T	.47	.26	.10			.06	7.20
DANVILLE SEWAGE PLANT			.07	.93	.52					.69	.34	.41			.01	.07	.15	.13	2.17				T	.48		.46	T	1.01	.03		.05	7.52
DANVILLE WATER WORKS R			.10	1.45					.12	.93	.40				.15	.16		2.26					.34		.15	.27	1.00				.08	7.41
DECATUR	T		.16	1.14					.01	.86	.41	T			.01	.14	T	1.43	.03				.90		.01	.25	.66	.02			.02	6.05
DES PLAINES 1 NW			.06	.09	.30					.13					.19	.12		.56	.37				.39	.02	.03	.10	.29	.47				3.12
DIONA R			.60	1.30	.05				.05	.55	.10				.22	.27		2.55					.77		.17	.23	.85				.07	7.71
DIXON		T	T	.48	T	.03				.21	.03				.19	.06	T	.43	.17						.03	.04	.55	.35			T	2.57
DOWNS 2 NE R			.10	.40					.43	.42	.50				.17			1.31			.15		.66		*	.15	1.25					5.54
DU QUOIN		T	.18	2.38						.10	.02				1.05			2.22					1.32	2.90		.33	.73		T		.05	11.28
DWIGHT			.03	.30	.05					.32	.35				.15			.38	.78				.46			.23	.60	.32	T	T	.04	4.01
DWIGHT STATE REFORM R			.04	.22					.20	.15		.04	.16	.03	-	-	-	-			.21		.44	.01	.05	.06	.88	.04			.05	
EAST ST LOUIS			.20	1.06					.04	1.42	.14				T	.50	T	2.43					.65	.09	.34		1.13	T		T	.04	8.04
EDWARDSVILLE			1.14						.91	.47	.09		T		T	.33		1.87	T				1.01	T	.04	.06	1.16	T	T	T		7.08
EFFINGHAM CAA Z		T	.28	.82					.01	.55	.13	T		T	.34	.30	T	2.13					.60	.09	.20	.16	.78	T	T	T	.04	6.43
ELGIN			.07	.35	T	T			.06	.13					.12		T		.90				.49		T	.17	.52	.39				3.20
ELIZABETHTOWN			.11	1.56	.64						.02			T		.76	.20	1.20	.11		.40		.35	3.25	.43	.40	.99				.15	10.57
ELSAH		T	T	.62					.02	1.05	.30				T	.51		1.75	.05			T	1.65		.10	.40	.83	.06				7.34
EVANSTON PUMP STA R			.06	.16					.03	.14					.23			1.03			.01		.56		-	-	-	-	-	-	.30	12.23
FAIRFIELD		.61	.63	1.50		.26				.51	.03					.77		2.04			.04		.75	2.70		1.41	.68				.02	5.41
FARMER CITY R			.25	.29					.35	.77	.38				.13			1.36					.63		.18	.22	.83					5.41
FLORA			.17	1.50	.50					1.22	.32					.70		2.32			T		1.02	1.00	T	.72	.80	T			.09	10.36
FREEPORT		.05	.04	.40	T	T				.10					.53	.02	.03	.24	.19		.02		.27		.15	.11	.77	.37			T	3.29
FREEPORT SEWAGE PLANT R		.02		.15	.30	T				.10					T	.63	T	T	.43		T	T		.26	.02	.16	T	1.02	T			3.09
FULTON DAM 13 Z		.02		.17	.30					.17	.02	T			.08	.38	T	T	.33		T	.01		.32	.06	.07	.06	.80	T			2.79
GALATIA R			.51	1.78											.15	.87		1.03			.07		.74	2.37	.39	.15	.61				.10	8.67
GALENA					.50				T						.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GALESBURG			T	.05	T					.53	.46				.24	T		.49	.27				.55	T	T		.77	.22				3.58
GALVA			T	.12					.01	.49	.19				.23			.43	.20				.58		T	.13	.40	.22				3.00
GENESEO			.01	.24	T					.34	.09				.27	.02	T	.38	.16				.41	T	.01	.03	.76	.25				2.97
GIBSON CITY		T	.03	.40					T	.65	.25				.19	T	.10	1.30	.06	T	T	.55	.02	.49	.01	.41	1.10		.01		.01	5.07
GLADSTONE DAM 18		T	.02	.12	.16					.44	.19	.17	T		.07	.41	T		.67		T		.02	.49	T	.06	.12	.94	.02			3.90
GLENDALE EXP FARM R		.04	.53	2.32	.02										.07	.98		.84			.52		.98	2.61	.59	.17	1.08				.31	11.06
GOLCONDA DAM 51 Z		T	.05	.27	1.64							T	T		T	.28	.67	.32	.59		T	.56	.01	1.29	2.97	.43	.11	.81	T		.21	10.21
GOLDEN			.04	.21					.10	.76	.99			.42				.75	.35				.60		.12	.19	.50	.46	T			5.49
GRAFTON			T	.59	.12					.73	.71	.02	T		T	.34	.08	.03	1.43				.21	1.50	T	.43		.89	T		.03	7.11
GRAND CHAIN DAM 53		.01	.12	1.10	1.55					T	T	T			.02	.56	.70	.40	.94		T	.45	.12	1.04	3.00	.45	.20	.70	T	T	.14	11.50
GRAND TOWER 2 N			2.31	.38							.03	T		T		1.06	.12	1.58	.14		.03		.27	4.21	.06	.17	.82	.06			.13	11.37
GREENUP			.07	1.45	.75				T	.09	.13	.04				.19	T	1.10	T			T	.05	.35			.51	.10		T	.10	4.93
GREENVILLE			.01	1.59	.01				T	.80	.15	T			T	.43		2.04	T				.90	.06	.18	.31	.89	.01	T	T		7.38
GRIDLEY		T	.02	.41						.66	.50	T			.13	.11	T	1.18	.15				.50		.05	.40	.75	.12			.02	5.00
GRIGGSVILLE			.06	.12	.12				.03	.87	.80				.40			.75	.10	.03			.50		.15		.55	.38				4.86
HARDIN			.09	.20						.16	1.57				.74	T	T	1.00			.16		.42	2.05	.90	.32	.31	.10			.08	6.58
HARRISBURG			.08	2.04	.50						T				T	.90	T	1.25			.06	.11	.07	1.10	.33	.96					.14	9.09
HARRISBURG HIWAY 13 BR				1.60	.90						T				T	.40	.62	.53	.54				.80		1.36	.38	.23	.65			.00	8.69
HAVANA			.12						T	.80	.87	T			.29			.65					.62	T	.10	T	.85	.20			T	4.69
HENRY		T	.03	.31	T	T			.02	.48	.37				.17	T	T	.74	.20						T	.22	.67	.06				3.89
HILLSBORO			.06	1.18					.18	.78	.21	.01			T	.24		1.75					1.22		T	.36	.82	.03			.03	6.87
HOOPESTON Z			.03	.91	.20					.72	.69					.15		1.72	.18				.46			.43	.63	.12			.04	6.28
HUDSON LK BLOOMINGTON R				.20	.05				.41	.39	.18		.14	.21	.38		.19	.80	.14	.18	.05		.50				1.30	.51				5.44
HUTSONVILLE POWER PL					1.43					.24	.32	.07					.35	.60	2.57				.06	.91	.15	.49	.03	.90			.06	8.37
ILLINOIS CITY DAM 16 Z		.01	.01	.08	.11					.31	.03	T			.05	.49			.43		T	.01	.02	.39	.04	.03	.14	1.11	.04			2.81
JACKSONVILLE				.22					T	.95	.70	T			T	.25		.83	.10				.95		.02	.35	1.01	T			T	5.38
JACKSONVILLE SEWAGE PL R			.12	.10					.11	.91	.41		.19		.26			.58	.20				.89	.03	.10	.07	1.10					5.07
JOLIET BRANDON RD DAM				.03	.26					.38	T	.04			.06	.19			.37					.47	T	.35		.66	T			2.81
JOLIET WB AIRPORT		T	.01	.31	T	T			.15	.19	.06				.25		T	1.15	T		T		.45	.01	.20	.11	.70	T			T	3.59
KANKAKEE			.02	.30						.27	.25			T	.50	T		.67	.28				.37	T	T	.40	.75	T			.02	3.83
KANKAKEE 4W		T	.02	.21	.13					.27	.26				.04	.15	T	.97	.41				.38	.02	T	.35	.54	.30	T		.02	4.07
KANKAKEE SEWAGE PLANT R			.04	.36					.06	.18	.17	.05			.25	.01		1.38	.04				.12	.02		.05	.01	.01			.03	2.78
KEITHSBURG		T	.30	.21	.12					.45	.05	.12			.03	.34			.80				.05	.60	T	T	.12	.75	.03			4.02
KEWANEE			.02	.14						.45	T			T	.21	T		.53	.30				.53	T			.77					2.95
KICKAPOO			.01							.66	.26					.16			1.02				.38			.52		.71				3.72
LA HARPE			.03	.16					T	1.64	.54	T			.16	.14		.59	.12				.54		T	T	.86	.16			T	4.94
LANARK R			.15	.25					.08	.10					.68			.45					.45		.22	.02	.94	.03				3.37
LA SALLE		T	.01	.31		T				.42	.16				.04	.06	.01	.71	.21		T		.59	.03	T	.21	.35	.40			T	3.51
LAWN RIDGE R				.29					.20	.05	.40		.13	.11	.29			.63					.54		T	.07	.84					3.62
LAWRENCEVILLE 5 S			.25	2.12	.84					.32	.50	.02				.64		1.81	.04		T		.10	2.45	T	.52	T	.81			.16	10.58

See reference notes following Station Index

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEROY			.05	.50					.01	.74	.77				.06	.07		1.28	.03				.70	.02	.04	.57	.86	.01			T	5.71
LINCOLN			.07	.47					.30	.80	.55	T			.07			1.62					.78		.52		.98	.01			.06	6.23
LINCOLN NO 2			.06	.10	.29					.55	.55	.40			.05	T		T	1.34				.10	.25		.12		.60	.10		.15	4.66
LOCKPORT LOCK AND DAM R			.03	.26					.11	.20	.08				.24			1.04					.45		.10	.09	.77					3.37
LOCKPORT POWER HOUSE R			.02	.29					.13	.17	-				.25			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUISVILLE R			.85	.93						1.23	.04				.15	.48		2.62					1.06	.24	.31	.32	.91				.08	9.22
MACKINAW				.34						.89	.78				.23			1.06					.65		.06	.56	.98					5.25
MACOMB			.04	.18					.03	.58	.51	T			.29	T		.53	.20				.64		T	.22	.65	.12			T	3.99
MARENGO			.06	.28	T					.14					.19		T	.52	.24		T		.43	.01	.16	.11	.61	.21			T	2.96
MARIETTA R			.15	.05					.34	.06	.22		.53		.29			.60					.58		.15	.09	.72					3.78
MARION		.04	.02	1.78	.53					.02	.03					.92	.03	1.98	.05		.25		.38	2.38	.21	.32	.82	.08	.02		.28	10.14
MARSEILLES LOCK			T		.20					.37	.05				.02	.36	T	T	.87					.50		.40	T	.58	T			3.35
MARSHALL 1 W			.11	1.53	.45			T		.55	.09	.03			.05	.32	.11	1.24	.44				.43	.19	.03	.47	.71	T			.16	6.91
MASON CITY R			.15	.45					.30	.58	.61		.10	.04	.19			.77			.07		.92		.25	.13	.98				.04	5.58
MATTOON			.61	1.09					.10	.52	.11				.10	.24	T	2.15					.98	T	.09	.24	.79	T			.12	7.24
MC HENRY R			.05	.31					.01	.09					.30			.73					.45		.20		.90	.05				3.09
MC HENRY 2 S			.06	.20	T					.12					.26	.02		.72	.12				.44	.05	.07	.06	.35	.45			T	2.92
MC LEANSBORO		T	.14	1.66	.50					T	.03					.88	T	1.55			.05		.93	2.71	.07	.49	.76	T			.17	9.92
MEDORA	T		.05	.72					.12	1.13	.23	T			.12	.15		1.95	.03				1.32		.05	T	1.25	T				7.18
MOLINE WB AIRPORT Z	T	T	.13	.27	T				.24	.06	.05	T		T	.59	T	T	.41		T	T		.40	T	.05	T	1.06	.02			T	3.28
MONMOUTH	.01		.20	.31						.30	.75	.05			.41			.20	.30					.80		.10	.90	.03				4.36
MORRIS				.04	.12					.30	T	.16			.04	.07			.93					.43		.25		.48	T		T	2.82
MORRIS 3 NE			.02	.12	.12					.33	.08				.09	.03	T	.81	.20				.45	.02	T	.26	.20	.40				3.13
MORRISON		T	.03	.28						.28	T				.53		T	.45	.15		T		.39		T	.14	.40	.65				3.30
MORRISONVILLE R			.50	.27					.25	.48	.20				.07	.20		1.53			.04		1.03		.18	.05	.72		.03			5.55
MORRISONVILLE 3 E			.04	.86	T				T	.71	.24	T			T	.26		1.24	.30				1.02	T	T	.32	.66	T			.05	5.70
MT CARMEL		.02	.12	1.86	.40					.32	.05	.05				.70	.15	1.27			.12		.60	4.25	.10	.45	.70	.05			.15	11.36
MT CARMEL WATER WORKS R			.68	1.65	.10					.33					.02	.72		1.35			.10		1.43	3.40	.25	.23	.65				.15	11.06
MOUNT CARROLL		.03	.05	.31	T	T				.31	T				.50	.05	T	.28	.14	T	T		.34	.02	.08	.07	.70	.45			T	3.23
MOUNT OLIVE				.97					.07	.72	.17	T			T	.25		1.61	.09				1.19		.03	T	1.08	.01			T	6.19
MOUNT PULASKI			.05	.39	T					1.24	.47	T			T	.24	T	1.25	.06				.85		T	.49	.80	.03			.05	5.92
MOUNT STERLING			.05	.35						.06	.55				.27	.35		.42	.25				.78		.02	.38	.11	1.00			T	4.59
MT VERNON		T	1.97		.31					.35						.75		2.98	.14				.78	2.25		.54	.84			.11		11.02
MURPHYSBORO WATER WKS R		.03	.62	1.50							.03				.35	.74		1.33			.03		1.00	2.74	.41	.23	-	-	-	-	-	
NASHVILLE				1.26						.48	.05					.69		1.98					.86	1.10	.03	.52	.90				.08	7.87
NEWARK 7 E			.12	.50						.40	.04				.38			.80	.30				.60	.10	T	.20	.40	.38				4.22
NEW BOSTON DAM 17		T	T	.14	.16	T				.36	.05	.03			.05	.35	T	T	.50				T	.36	T	T	.14	1.08	.02			3.24
NEW BOSTON 2 NW			.14	.14					.37		.10				.36			.41					.30		T	.02		1.08	.02			2.94
NEW BURNSIDE		.01	.09	2.12	.50							T		T		1.16	.01	1.30			.13		.70	2.30	.45	.25	.93	T	T	T	.18	10.12
OLNEY			T	1.87						.92	.12		T	T		.80		2.48			T		1.10	1.60	.05	.55	.82				.16	10.47
OREGON POWER PLANT Z			.06	.18	.07					.08	T		T		.24	.09	.01	.24	.13	T	T		.42		.05	.11	.45	.33				2.46
OTTAWA		T	.02	.26					T	.41	.18				.25	.03	T	.83	.21		T		.59	T	T	.28	.55	.11			T	3.72
PALESTINE			.18	1.38	.38					.85	.18	.02			.04	.73	T	2.00	.02	.02			.85	.75	.10	.50	.80	T	T	.17		8.97
PANA			.34	1.30	.03				.12	.26	.12	T			T	.37	T	1.35					1.92		T	.33	.81	.04			.05	6.83
PAW PAW			.02	.28						.25				.28				.54	.35				.52	.02	.05		.48	.30				3.09
PEORIA LOCK AND DAM R			.07	.19					.43	.19	.32			.20	.15			*	.71	.04			.73		*	.32	.88	.05				4.28
PEORIA WB AIRPORT R	T		.04	.20		T			.48	.17	.40	T		.02	.15	T	T	1.01	T		T		.75	.01	.24	.08	.85	.01			.02	4.43
PEOTONE			T	T	.55				T	.29	.20				.10			.90	.67				.37				1.10					4.18
PERU			.02		.28					.36		.15				.04	.01	T	.92					.65		.22		.69	.01			3.35
PETERSBURG			.12	.65						.66	.90				.07	.21		.80					1.30		.01	.02	.75	.59				6.08
PLEASANT HILL 2 E			.01	.08					.13	.85	.66	T			.24	T		.66	.10				1.13		T	.43	1.18	.01				5.48
PONTIAC			T	.30					T	.50	.20				.10	.06	T	1.04	.06				.52		T	.35	.81	.09			.03	4.06
PRINCETON 1S R			.03	.20					.16	.05	.20		.15		.26			.75					.55		.07	.07	.71					3.20
PRINCEVILLE 2 NW			.05	.30					T	.47	.38				.25	T		.56	.03				.56	.01	T	.18	.58	.05			.03	3.45
PROPHETSTOWN R			.15	.10					.15	.10	.06				.23			.49	.01				.52		.06	.01	.88					2.76
QUINCY			.06	.12					.02	.87	.80			T	.42			.74	.09				.53		.10	.17	.52	.35				4.79
QUINCY CAA	T	T	T	.04					.24	.41	.49	T		T	.42	T	T	.81	T		T		.60	T	.43	.02	1.12	.45	T		T	5.03
QUINCY DAM 21 Z			.02	.10	T					.51	.77	.25			.02	.16	T	T	.68				.26	.35		.29	.12	.71	T			4.24
QUINCY MEMORIAL BRIDGE		T	T	.05	.02					.45	.66	.32			.02	.39	T	T	.68				.14	.42	T	.28	.15	.67	.03			4.28
RANTOUL CHANUTE AF BSE Z		T	.26	.77					.28	1.15	.60				.19	.04	.08	1.05	T				.68	T	.05	.33	.92	.04			.01	6.45
RED BUD		.04	1.45	.14					.13	.37	.02				.20	.46	.63	1.84				.17	.74	.60	.40	.01	.54	.01		.03		7.78
RICHVIEW R		.01	.67	.91						.48	.03				.25	.52		2.02					1.45	1.30	.09	.40	.71				.10	8.94
ROBERTS 3 N		T	T	.33	T					.67	.46	T			.06		T	1.01	T				.68	.04	.11	.41	.71	.04				4.52
ROCHELLE			.11	.09	T					T							.11	.19	.22							.11	.29	T				1.12
ROCKFORD		T	.01	.14	T					.27					.09	.22	T	.38	.30		T		.34	T	.12	.19	.60					2.66
ROCKFORD CAA		T	.03	.21	T	T			.05	.08					.16	T	T	.65	T		T		.38	.03	.46	T	.92	.04			T	3.01
ROCK ISLAND DAM 15		T	T	.18	.25	T				.33	.01	.02	T		.05	.50	T	T	.58		T	T	T	.40	.06	.05	.07	1.13	.05			3.68
RUSHVILLE			.25						T	.64	1.02				.03			.41	.40				.63		.17	.29	.87	.96				4.77
STE MARIE MISSION BSE			.14	.97	.65					.59	.37	.08			T	.27	.42	1.30	2.05		T	T	.07	1.00	.14	.57	.03	T	T		.11	8.76
SALEM			.10	1.42	.13					1.14	.14	.01				.65		1.89	.28				.75	.60	.06	.46	.65	1.10			.05	9.43
SHAWNEETOWN NEW TOWN			.03	.78	2.96						T	T		T	T	.33	.63	.43	.51	.20	.02	.42	.09	1.03	1.49	.51	.14	.81	T	T	.14	10.52
SIDELL				1.15	.79					.58	.21	.29			T	.08	.17	.24	2.08				.01	.42	T	.49		.90	.02		.08	7.51
SKOKIE N S TREAT WKS R			.06	.13					.02	.14					.23			1.09					.46		.09	.06	.70					2.98
SPARTA				1.29					T	.30	.02	T	T	T	T	.68	T	2.18	.08				.81	2.48	.05	.26	.76	T	T		.09	9.00
SPRINGFIELD WB AP Z		T	.31	.21					.27	.86	.38	T		T	.08		T	1.50	T				.79	.01	.22	.12	.89	.01			.02	5.67
SPRINGFIELD WB CITY Z		T	.24	.20					.26	.77	.41	T		T	.13	T	T	1.50					.89		.15	.08	1.00	.01			.01	5.65
STOCKTON		.02	.06	.36	.06					.04					.65	.15	T	.12	.17				.27	.01		.17	.77	.35				3.20
STREATOR			.09	.13		T			T	.09	.29				.37	T	T	.66	.21				.56	.05	T	.24	.63	.21		T	.01	3.54
SULLIVAN WATER WKS R			.23	1.77					.15	.58	.12				-	-	-	-					.82		.10	.15	.95				.03	
SYCAMORE			.05	.30	T					.10					.29		T	.62	.22				.44				.97	T				2.99
TABLE GROVE			.04	.22	T				T	.85	.65	T		T	.32			.42	.35				.70			.36	.70	.05			T	4.66
TAYLORVILLE			.51	.40					T	.74	.25	.02			.02	.28	.01	1.51	.03				1.61				.38	.02			.01	5.80
TISKILWA		T	.02	.15						.43	.15				.12		T	.52	.30				.50			.16	.35	T				2.70
TOULON	T	T	.23	.20	.02					.50	.27	.02			.08	.22	T	.40	.27		T		.60	.02	T	.18	.42	.33	T	T		3.76
TUSCOLA			.03	1.61	.24					.57	.39	.06			.08	.32	.31	1.92					.71			.53	.93		.10		.07	7.87
URBANA			.14	1.00	.13				.01	.91	.53	.08			.02	.02	.01	1.75	.05				.67		.01	.14	.63	.03	T		.08	6.21
URBANA EXP FARM R									.14	1.04	.32				.02	.12	.03	1.74					.64		.38		.69	T	T	.04		5.16
UTICA STARVED ROCK DAM			T	.32						.40	T	.16			.05	.08	T		.78					.54		.10	T	.63	T		T	3.06
VANDALIA Z			.10	1.55	.51					T	.82	T			T	.15	.30	T	2.02				.10	.85	T	.10	T	1.15			T	7.65
VIRDEN			.04	.70					T	.74	.42	T			.03	.14		1.39	T				1.33	T	T	.30	.85	T			T	5.94
WALNUT				.32						.27	.05				.08		T	.95					.53				.65	.40				3.25
WARSAW				.09					.02	.52	.73				.43			.41	.15				.52		.05		.68	.43				4.04
WASHINGTON R			.08	.33					.45	.15	.37			.08	.41			.90					.68		.20	.12	.92				.05	4.74
WATERLOO				1.16						.80	.09						.63	2.02					.83	.41	.02	.37	.62	.02			.02	6.99
WATERMAN R			.05	.40					.04	.01			.07		.30			.63					.55		.08	.06	.79	.04				3.02
WATSEKA		T	.02	.28	.04					.70	.36	T			.02	.07	T	1.30	.15				.45	.01	T	.43	.56	.13			.02	4.55
WAUKEGAN			.03	.38	.02					.09					.08	.06		.84	.23				.51	.02	.06	.13	.67	.43			T	3.55
WAYNE CITY		.01	.15	1.60	1.20						.23	.03				.43	.45	1.25	.72		T	T	.11	2.60	1.18	.52	.07	.73	T		.10	11.38
WENONA R				.30					.28	.12	.45				.30			.68					.65		.14	.05	.85					3.82
WEST FRANKFORT 8 E R			.09	1.59	.41					.06					.09	1.09		1.33		.02	.02		1.05	2.44	.41	.13	.90				.06	9.69
WHEATON COLLEGE			.16	.09	T					.10					.51		T	.58					.31		T	.02	.60	.02				2.40
WHITE HALL 1 E			.02	.26					T	.79	.33	T				.12	T	1.02	.06				1.10		T	.33	.87	.04			T	4.94
WILCOX			.20	1.00	1.25						.50	.07				.38	.40	1.00	1.90					2.50	.50	.53		.83			.09	11.13
WINDSOR			.13	1.61	.12					.67	.15	T			.04	.40	T	2.36	.04				1.02	T	T	.39	.82	.10			.20	8.05

See reference notes following Station Index

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
														—2d—										
CAIRO WB CITY						.01	.01				.01											.01	.09		.03	.16
FREEPORT SEWAGE PLANT				.02																						.02
GLENDALE EXP FARM																				.01	.02	.01				.04
GOLCONDA DAM 51																									.03	.03
MURPHYSBORO WATER WORKS	//																							.03		.03
RICHVIEW													.01			.02		.01	.01	.01	.02	.02	.10	.03	.07	.29
														—3d—										
ALEXIS WATER WORKS				.02	.02	.01																	.08	.07		.20
AUGUSTA HIGH SCHOOL																							.02	.02	.01	.05
BEARDSTOWN LAGRANGE DAM	//				.04				.01															.05	.03	.13
BELLEVILLE SCOTT AF BSE	//																				.05	.29	.36	.08	.01	.79
BELVIDERE SEWAGE PLANT																	.03		.02			.13	.37	.15		.67
CAIRO WB CITY		.02																						.05	.15	.29
CAMP ELLIS				.02	.01		.01			.02	.01			.01					.01							1.01
CARPENTER 1 SW																					.17	.20	.36	.23	.05	.06
CHICAGO CAL TREAT WKS														.01	.02	.02	.01									.02
CHICAGO N BRA PUMP STA																	.01	.01								.02
CHICAGO SAN DIST DISPAT														.01		.01	.01	.02								.05
CHICAGO SAN DIST OFF																.03	.01	.02								.06
CHICAGO UNIVERSITY														.01	.01	.04										.06
CHICAGO WB AIRPORT															.01	.03	.02									.06
CHICAGO WB CITY																.01	.03	.02								.06
CISNE BROWN CAMP		.02	.05	.10		.03			.02														.05	.55	.18	1.00
COLLINSVILLE		.01	.01																	.01	.15	.30	.30	.15	.02	.95
CRETE				.04							.01				.02	.01			.14	.06	.02	.03				.33
DANVILLE WATER WORKS								.02	.01	.03	.01	.01	.01	.01												.10
DIONA				.04	.10	.06																		.10	.30	.60
DOWNS 2 NE		.03				.02					.03					.02										.10
DWIGHT STATE REFORM																.01										.04
EFFINGHAM CAA	//	.07	.03	.05	.01				.01					.03								.15	.25	.05		.62
EVANSTON PUMP STA																	.03	.01	.02							.06
FARMER CITY					.02	.03						.03												.05	.12	.25
FREEPORT SEWAGE PLANT									.02								.01				.01					.04
FULTON DAM 13															.01	.01								.06	.04	.12
GALATIA							.07															.02	.23	.17	.02	.51
GLENDALE EXP FARM																					.02		.18	.29	.04	.53
GOLCONDA DAM 51					.02																		.13	.10		.25
HOOPESTON												.02														.02
ILLINOIS CITY DAM 16															*	*	*	*	*	*	*	*	*	*	*	
JACKSONVILLE SEWAGE PL		*	*	*	*	*	*	*	.04																.08	.12
JOLIET WB AIRPORT	6													*	*	*	*	*	.01							
KANKAKEE SEWAGE PLANT												.01		.01	.01			.01								.04
LANARK											.02				.01	.04	.03								.05	.15
LOCKPORT LOCK AND DAM													.03													.03
LOCKPORT POWER HOUSE																.01	.01									.02
LOUISVILLE			.04		.01						.02		.01				.01				.01		.05	.50	.20	.85
MARIETTA					.03																			.02	.10	.15
MASON CITY					.03	.01	.05		.01	.01	.01													.02	.01	.15
MC HENRY																				.02		.02		.01		.05
MOLINE WB & AIRPORT	//																							.08	.05	.13
MORRISONVILLE			.02						.03	.01			.01									.05	.15	.13	.10	.50
MT CARMEL WATER WORKS		.03	.07	.03																				.19	.36	.68
MURPHYSBORO WATER WORKS	//	.01	.01																		.03	.12	.42	.03		.62
OREGON POWER PLANT	//														.05											.05
PEORIA LOCK AND DAM	//				.05																			.02		.07
PEORIA WB AIRPORT					.02																			.01	.01	.04
PITTSFIELD WATER WORKS																			.03							.03
PRINCETON 1 S	//																			.03						.03
PROPHETSTOWN							.04								.04					.01	.01				.05	.15
QUINCY DAM 21																	.01	.02					.02			.05
RANTOUL CHANUTE AF BASE	//	.01	.02		.02					.01	.01													.01	.10	.18
RICHVIEW		.01	.01	.01	.03				.04	.01												.07	.35	.10	.04	.67
ROCKFORD CAA	6													*	*	*	*	*	.03							
SKOKIE N S TREAT WKS																.03	.01	.01	.01							.06
SPRINGFIELD WB AIRPORT	//			.10	.01					.01												.10	.08	.03	.01	.31
SPRINGFIELD WB CITY				.03	.01	.01																.09	.06	.03	.01	.24
SULLIVAN WATER WORKS	//														.03	.02	.05	.05	.03	.05						.23
WASHINGTON			.04	.02	.02																					.08
WATERMAN	//														.05											.05
WEST FRANKFORT 8 E						.03	.03	.02	.01																	.09
														—4th—										
ALEXIS WATER WORKS														.10	.03	.07		.03								.23
AUGUSTA HIGH SCHOOL		.02	.01										.04	.01	.01											.09
BEARDSTOWN LAGRANGE DAM	//							.02																		.02
BELLEVILLE SCOTT AF BSE	//	.01	.15	.13						.01	.01	.03	.01			.01										.36
BELVIDERE SEWAGE PLANT														.01	.01		.06	.07			.02			.01		.18
BRADFORD CAA	6	*	*	*	*	*	.01							*	*	*	*	*	.22							
CAIRO WB CITY			.03			.26	.08	.37	.04	.01	.01	.01	.14	.07	.04	.04	.01		.02			.10	.02	.04	.03	1.32
CAMP ELLIS									.03																	.03
CARPENTER 1 SW				.01										.06												.07
CHICAGO CAL TREAT WKS				.01													.01	.13	.05	.20	.02	.01				.43
CHICAGO N BRA PUMP STA											.01			.01	.01			.02	.04	.02	.02	.01				.14
CHICAGO SAN DIST DISPAT															.01			.09	.02	.07		.01				.20
CHICAGO SAN DIST OFF												.02		.01				.11	.03	.05	.01	.01			.01	.25
CHICAGO UNIVERSITY																		.15	.05	.11	.06	.02				.39
CHICAGO WB AIRPORT																		.11	.03	.04		.01		.01		.20
CHICAGO WB CITY														.01				.10	.05	.05	.02	.01	.01	.01		.26
CISNE BROWN CAMP			.02		.10	.40	.05		.15		.03	.12		.03			.01	.16	.20			.03	.15	.12	.02	1.59
COLLINSVILLE			.03	.10							.02		.01													.16
DANVILLE WATER WORKS		.05	.05	.15	.15	.20	.05							.25			.27	.13	.08	.02		.04	.01			1.45
DIONA		.05	.05	.04	.03	.12	.01			.02		.07	.05	.05	.01	.33	.20	.07	.10	.05	.03		.01		.01	1.30
DOWNS 2 NE			.05												.05	.28	.02									.40
DWIGHT STATE REFORM															.01	.03	.10	.03	.01	.04						.22
EFFINGHAM CAA	//	.05		.13	.02				.04	.04	.02	.05		.05	.20	.02		.12	.04	.01	.01					.80
EVANSTON PUMP STA											.01			.01				.05	.05	.01	.01	.01			.01	.16
FARMER CITY		.05						.02	.01	.02				.02	.06	.06		.03					.01	.01		.27
FREEPORT SEWAGE PLANT		.02	.08											.02	.04		.05	.04	.10	.02	.01		.01			.39
FULTON DAM 13		.01	.03	.01												.07	.11		.11				.01			.35
GALATIA		.13		.20			.10	.25	.05	.10	.05		.10	.05		.10		.04	.01			.15	.03	.27	.15	1.78
GLENDALE EXP FARM							.23	.78	.51	.15	.05		.05		.02		.09	.03	.04	.04	.01	.01	.14	.09	.08	2.32
GOLCONDA DAM 51					.02	.03	.02	.13	.26				.07	.12	.02	.03	.10	.13	.15	.05		.05	.20	.08	.06	1.52
HOOPESTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.17		1.17
HUDSON LK BLOOMINGTON															.13	.01	.01						.05			.20
ILLINOIS CITY DAM 16		*	*	*	*	*	*	*	*	*	*	*	*	*	.12	.01	.02									.15
JACKSONVILLE SEWAGE PL					.03		.02							.03	.02											.10
JOLIET WB AIRPORT	6							*	*	*	*	*	.01	*	*	*	*	*	.26	*	*	*	*	*	.04	
KANKAKEE SEWAGE PLANT			.02	.04									.01	.01			.02	.10	.14	.01	.01					.36
LANARK		.04	.05		.01								.03				.06	.01	.03					.01	.01	.25
LAWN RIDGE		.04												.05	.10	.07			.03							.29
LOCKPORT LOCK AND DAM																	.06	.08	.04	.08						.26
LOCKPORT POWER HOUSE										.01							.05	.08	.11	.03		.01				.29
LOUISVILLE		.05			.15	.10	.08						.05	.04	.06		.02	.02	.12	.09			.04	.11		.93
MARIETTA		.05																								.05

See reference notes following Station Index.

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MASON CITY		.12	.05									.03	.02		.20	.03										.45
MC HENRY																			.12	.15	.02	.01			.01	.31
MOLINE WB & AIRPORT	//	.01								.01	.01				.03	.12	.04	.01	.04							.27
MORRISONVILLE		.07												.10	.10											.27
MT CARMEL WATER WORKS			.05	.04	.01		.03	.52	.15	.07	.28	.05		.03	.06		.01			.05			.05		.25	1.65
MURPHYSBORO WATER WORKS	//		.02	.18	.20	.28		.02		.03		.05	.07	.05			.15	.10	.04			.19	.12			1.50
OREGON POWER PLANT	//							.02				.02	.01				.13	.02		.05					.02	.27
PEORIA LOCK AND DAM	//		.03													.15			.01							.19
PEORIA WB AIRPORT													.01		.13	.05		.01								.20
PITTSFIELD WATER WORKS							.02	.05																		.07
PRINCETON 1 S	//													.02	.13			.02	.03							.20
PROPHETSTOWN													.01	.01			.04	.03	.01							.10
QUINCY DAM 21									.02	.01					.01	.03										.07
RANTOUL CHANUTE AF BASE	//	.20	.07	.01	.01		.01			.20			.05	.02	.03	.03	.06	.01			.03			.02		.75
RICHVIEW		.01		.18	.07			.02	.01	.02	.10	.02	.03	.05	.20	.10	.03	.02	.05							.91
ROCKFORD CAA	6													*	*	*	*	*	.15	*	*	*	*	*	.06	
SKOKIE N S TREAT WKS											.01			.01				.03	.03	.04	.01					.13
SPRINGFIELD WB AIRPORT	//				.01			.04	.01	.03		.02		.01	.07	.01			.01							.21
SPRINGFIELD WB CITY			.01					.03		.01		.01		.03	.08	.02										.19
SULLIVAN WATER WORKS	//	.02										.12	.31	.17	.20	.05	.23	.04	.01	*	*	*	*	*	.62	1.77
WASHINGTON		.01	.01	.01	.02								.02	.01	.01	.21	.03									.33
WATERMAN	//																.30	.08	.01	.01						.40
WENONA																.30										.30
WEST FRANKFORT 8 E			.03	.28	.11		.28	.01	.08		.18	.08	.21		.08	.09		.01		.07	.01		.06	.02	.01	1.61
													-5th-													
CISNE BROWN CAMP		.01																								.01
DIONA										.02	.02	.01														.05
EFFINGHAM CAA	//								.01			.01														.02
GLENDALE EXP FARM		.02																								.02
GOLCONDA DAM 51		.06																								.06
HUDSON LK BLOOMINGTON										.05																.05
MT CARMEL WATER WORKS		.08	.01	.01																						.10
WEST FRANKFORT 8 E			.06	.21	.09		.14																			.50
													-9th-													
ALEXIS WATER WORKS																					.02	.03	.03	.02	.05	.15
AUGUSTA HIGH SCHOOL																					.06	.12	.13	.08	.08	.47
BEARDSTOWN LAGRANGE DAM	//																		.03	.01	.01	.08	.02	.05	.03	.23
BELVIDERE SEWAGE PLANT																									.07	.07
BRADFORD CAA	6																			*	*	*	*	*	.31	
CAMP ELLIS																						.03	.19	.15	.10	.47
CARPENTER 1 SW																						.02	.03			.05
CHICAGO CAL TREAT WKS																								.02	.05	.07
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT																								.01	.06	.07
CHICAGO SAN DIST OFF																								.01	.05	.06
CHICAGO UNIVERSITY																								.02	.03	.05
CHICAGO WB AIRPORT																							.01	.01	.07	.09
CHICAGO WB CITY																								.02	.06	.08
COLLINSVILLE																									.02	.02
CRETE																								.03	.02	.05
DANVILLE WATER WORKS																		.01	.01	.03	.01	.01	.03		.02	.12
DIONA																				.02	.03					.05
DOWNS 2 NE																							.13	.07	.13	.43
DWIGHT STATE REFORM												.02		.01							.02		.02	.03	.07	.20
EVANSTON PUMP STA																									.03	.03
FARMER CITY												.02							.01	.01	.01	.03	.07	.09	.11	.35
FREEPORT SEWAGE PLANT																									.05	.05
FULTON DAM 13																								.07	.05	.12
HOOPESTON																								.13	.12	.25
HUDSON LK BLOOMINGTON																							.12	.19	.10	.41
ILLINOIS CITY DAM 16																					.07	.01	.09	.06	.04	.27
JACKSONVILLE SEWAGE PL																						.07		.02	.02	.11
JOLIET WB AIRPORT	6																			*	*	*	*	*	.15	
KANKAKEE SEWAGE PLANT																							.01	.01	.04	.06
LANARK																								.03	.05	.08
LAWN RIDGE																							.03	.07	.10	.20
LOCKPORT LOCK AND DAM																								.03	.08	.11
LOCKPORT POWER HOUSE																						.01		.03	.09	.13
MARIETTA																							.10	.15	.09	.34
MASON CITY																						.05	.15	.05	.05	.30
MC HENRY																									.01	.01
MOLINE WB & AIRPORT	//																						.05	.09	.10	.24
MORRISONVILLE																		.05		.08	.02	.03	.05	.01	.01	.25
OREGON POWER PLANT	//																						.01	.03		.04
PEORIA LOCK AND DAM	//																				.03	.01	.06	.22	.11	.43
PEORIA WB AIRPORT																				.04	.04	.06	.10	.12	.12	.48
PITTSFIELD WATER WORKS																					.03	.07	.02	.01		.13
PRINCETON 1 S	//																						.05	.05	.06	.16
PROPHETSTOWN																						.01	.02	.07	.05	.15
QUINCY DAM 21																				.06	.02	.13	.10	.04	.01	.36
RANTOUL CHANUTE AF BASE	//																					.01	.02	.10	.07	.20
ROCKFORD CAA	6																			*	*	*	*	*	.06	
SKOKIE N S TREAT WKS																									.02	.02
SPRINGFIELD WB AIRPORT	//																						.06	.07	.14	.27
SPRINGFIELD WB CITY																			.01	.01	.02	.03	.08	.07	.01	.23
SULLIVAN WATER WORKS	//																		.03	.06	.01	.04	.01			.15
URBANA EXP FARM																				.01		.01	.04	.02	.06	.14
WASHINGTON																					.05	.01	.06	.15	.18	.45
WATERMAN	//																								.04	.04
WENONA																				.05	.04	.01	.03	.06	.09	.28
													-10th-													
ALEXIS WATER WORKS		.01	.02	.02																						.05
AUGUSTA HIGH SCHOOL		.01		.01							.01		.01	.02		.05	.10	.03	.07	.03	.02					.36
BEARDSTOWN LAGRANGE DAM	//	.02	.05												.02	.02	.04	.07	.05	.05					.02	.34
BELLEVILLE SCOTT AF BSE	//		.02	.01	.07	.15	.30	.45	.20	.10	.03															1.33
BELVIDERE SEWAGE PLANT		.05			.03																					.08
BRADFORD CAA	6	*	*	*	*	*	.01																			
CAMP ELLIS		.04	.01	.01	.01						.02						.01	.02								.12
CARPENTER 1 SW				.15	.19	.07	.09	.05		.04								.10	.10	.08						.87
CHICAGO CAL TREAT WKS		.08	.09	.06	.01					.01																.25
CHICAGO N BRA PUMP STA		.03	.05	.03	.01		.01				.01		.01			.01										.16
CHICAGO SAN DIST DISPAT		.08	.06	.04	.01																					.19
CHICAGO SAN DIST OFF		.05	.07	.04	.01										.01											.18
CHICAGO UNIVERSITY		.09	.07	.06	.02	.01																				.25
CHICAGO WB AIRPORT		.05	.07	.05	.02																					.19
CHICAGO WB CITY		.07	.06	.04																						.17
CISNE BROWN CAMP									.08	.15	.15	.03														.41
COLLINSVILLE			.03	.22	.10	.20	.18	.12	.03	.01	.01					.01	.01	.07	.07	.10	.01		.02			1.19
CRETE		.03	.07	.05	.05																					.20
DANVILLE WATER WORKS		.03	.03	.07	.08	.15	.22		.02	.01	.01	.01					.03	.10	.05	.02	.03	.02	.03	.02		.93
DIONA					.05	.17	.16	.02	.10	.03	.01				.01											.55
DOWNS 2 NE		.10					.02	.03		.02		.02	.06	.02					.05	.08	.01				.01	.42

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DWIGHT STATE REFORM		.05	.03	.02	.03	.01	.01																		.15
EFFINGHAM CAA	//				.08	.21	.06	.10	.05																.50
EVANSTON PUMP STA		.04	.03	.03	.01	.01	.01			.01															.14
FARMER CITY		.08	.02	.08	.17	.07											.08	.06	.09	.07	.03		.01	.01	.77
FREEPORT SEWAGE PLANT		.05	.02				.01	.01	.01																.10
FULTON DAM 13		.03																							.03
HOOPESTON		.15	.05	.05	.10	.05	.05												.03	.05	.02	.03		.02	.60
HUDSON LK BLOOMINGTON		.12	.09	.01		.02	.04		.01	.06	.01	.01	.02												.39
ILLINOIS CITY DAM 16		*	*	*	*	*	*	*	*	.04															.04
JACKSONVILLE SEWAGE PL		.01	.15	.30										.05	.03	.02		.10	.08	.07	.04	.01	.05		.91
JOLIET WB AIRPORT	5	*	*	*	*	*	.19																		
KANKAKEE SEWAGE PLANT		.08	.04	.03	.03																				.18
LANARK		.07	.01	.01	.01																				.10
LAWN RIDGE		.04	.01																						.05
LOCKPORT LOCK AND DAM		.08	.08	.03	.01																				.20
LOCKPORT POWER HOUSE		.08	.07	.02																					.17
LOUISVILLE						.08	.20	.25	.40	.05	.05		.03							.02	.10	.04	.01			.23
MARIETTA		.04	.02																						.06
MASON CITY			.10									.03	.02	.03		.07	.05	.10	.10		.03	.05			.58
MC HENRY		.01	.05	.03																					.09
MOLINE WB & AIRPORT	//	.03	.02	.01																					.06
MORRISONVILLE			.05	.03	.12	.10	.02		.03	.05	.02			.01						.02	.03				.48
MT CARMEL WATER WORKS										.03	.09	.11	.08		.01	.01									.33
OREGON POWER PLANT	//	.03	.01																						.04
PEORIA LOCK AND DAM	//	.10	.06	.03																					.19
PEORIA WB AIRPORT		.05	.05	.02	.01	.01														.01	.01		.01		.17
PITTSFIELD WATER WORKS		.02	.05								.02	.01		.01	.01		.10	.03	.05	.07	.03	.01	.01		.42
PRINCETON 1 S	//	.05																							.05
PROPHETSTOWN		.05	.05																						.10
QUINCY DAM 21																.05	.04	.01		.03	.05	.01		.01	.20
RANTOUL CHANUTE AF BASE	//	.13	.05	.05	.12	.08	.02		.01								.02	.05	.05	.05	.04	.01	.02		.70
RICHVIEW				.03		.01		.02	.12	.13	.14	.03													.48
ROCKFORD CAA	6	*	*	*	*	*	.03																		
SKOKIE N S TREAT WKS		.05	.05	.03	.01																				.14
SPRINGFIELD WB AIRPORT	//		.05	.20	.20	.06	.01											.10	.10	.05	.05	.04			.86
SPRINGFIELD WB CITY		.05	.06	.16	.07	.03	.02		.01	.02	.01		.01			.02	.01	.09	.07	.07	.04	.03	.02		.79
SULLIVAN WATER WORKS	//		.10	.04	.15	.11	.03	.02	.03	.02	.02		.01								.05				.58
URBANA EXP FARM		.05	.02	.13	.13	.32	.03										.05	.10	.03	.03	.05	.02	.05	.02	.01	1.04
WASHINGTON		.07	.05	.03																					.15
WATERMAN	//	.01																							.01
WENONA		.05	.02	.05																					.12
WEST FRANKFORT 8 E								.02	.01	.03															.06
													—11th—												
ALEXIS WATER WORKS										.05	.05	.05				.05									.20
AUGUSTA HIGH SCHOOL		.03	.01	.01						.10	.10	.02	.08	.05	.05	.02	.02								.49
BEARDSTOWN LAGRANGE DAM	//	.01	.07	.05					.05	.03	.05	.02		.02	.03	.05	.03	.01							.42
BELLEVILLE SCOTT AF BSE	//												.02								.05	.07	.02	.03	.19
BRADFORD CAA	6							*	*	*	*	*	.22												
CAIRO WB CITY								.01																	.01
CAMP ELLIS		.02		.01					.02		.10	.05	.03	.10		.05			.01						.39
CARPENTER 1 SW						.02	.02	.01																	.05
CHICAGO WB AIRPORT										.01															.01
COLLINSVILLE		.01	.01	.01																					.03
CRETE										.03	.01	.01		.03	.02										.10
DANVILLE WATER WORKS									.02	.02	.01		.05	.05	.03	.02	.05	.05	.04	.04	.02				.40
DIONA									.05								.01	.01	.01	.02					.10
DOWNS 2 NE												.05	.04	.01	.03	.07			.03					.02	.25	.50
EFFINGHAM CAA	//		.02	.01	.02	.03	.02													.02	.03				.15
FARMER CITY									.03		.01	.04	.05	.05	.02	.05	.05	.05		.03					.38
HOOPESTON								.05				.05	.05	.03	.05	.06	.06	.02	.01	.01	.01				.40
HUDSON LK BLOOMINGTON										.01	.02	.01	.02	.01	.05	.03	.01							.02	.18
ILLINOIS CITY DAM 16											.01	.01													.02
JACKSONVILLE SEWAGE PL			.10	.13	.02	.01				.02	.05				.04	.01	.03								.41
JOLIET WB AIRPORT	5							*	*	*	*	*	.05	*	*	*	*	*	.01						
KANKAKEE SEWAGE PLANT											.02	.04	.05	.02	.01	.02	.01								.17
LAWN RIDGE										.10	.08	.07	.05	.03	.02	.03	.01	.01							.40
LOCKPORT LOCK AND DAM										.02	.02	.01	.01	.02											.08
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE									.03		.01														.04
MARIETTA											.10	.03	.01	.04	.02									.02	.22
MASON CITY		.01	.01						.10		.10	.05	.10	.05	.05	.05	.05	.04							.61
MOLINE WB & AIRPORT	//					.01			.01	.02	.01														.05
MORRISONVILLE			.03	.01	.01	.03	.02				.03	.01				.01	.02	.01	.02						.20
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	.03												.03
PEORIA LOCK AND DAM	//								.05	.04	.03	.05	.05	.03	.04	.02	.01								.32
PEORIA WB AIRPORT										.06	.08	.07	.07	.03	.03	.02	.02	.02							.40
PITTSFIELD WATER WORKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.08						1.08
PRINCETON 1 S	//									.05	.08	.01	.01	.03		.02									.20
PROPHETSTOWN										.01	.02	.02	.01												.06
QUINCY DAM 21				.05						.03	.72		.02	.06	.02	.02	.01								.93
RANTOUL CHANUTE AF BASE	//									.01			.02	.03	.02	.05	.03	.02	.03	.02					.23
RICHVIEW									.02		.01														.03
SPRINGFIELD WB AIRPORT	//		.02	.08	.08	.03	.01			.02	.02	.01	.01		.01	.04	.03	.02							.38
SPRINGFIELD WB CITY			.05	.14	.03	.01			.04	.01	.02	.04		.01											.35
SULLIVAN WATER WORKS	//										.05	.02		.03	.02										.12
URBANA EXP FARM		.01				.01	.01							*	*	*	*	*	*	*	.29				.32
WASHINGTON									.10	.07		.05	.05		.05	.03	.01	.01							.37
WENONA										.08	.05	.12	.05	.08	.02	.02	.03								.45
													—12th—												
DWIGHT STATE REFORM														.04											.04
KANKAKEE SEWAGE PLANT			.01						.01	.01			.01		.01										.05
													—13th—												
ALEXIS WATER WORKS										.03	.10	.07	.05												.25
AUGUSTA HIGH SCHOOL													.03	.12	.05	.10	.03								.33
DWIGHT STATE REFORM											.01	.05		.10											.16
HUDSON LK BLOOMINGTON											.01		.09	.02	.01	.01									.14
JACKSONVILLE SEWAGE PL												.06	.01	.09	.01	.02									.19
LAWN RIDGE											.03	.02		.01	.02	.03	.02								.13
MARIETTA										.01		.02	.03	.02	.05	.05	.35								.53
MASON CITY											.01				.05	.02	.02								.10
PRINCETON 1 S	//											.02	.02	.04	.02	.02	.03								.15
QUINCY DAM 21													.02	.01		.01		.01							.05
RANTOUL CHANUTE AF BASE	//																						.01	.01	.02
WATERMAN	//											.04	.01	.01	.01										.07
													—14th—												
CAMP ELLIS																								.01	.01
DWIGHT STATE REFORM			.03																						.03
HUDSON LK BLOOMINGTON											.01	.01	.02				.01			.01		.01	.04		.21
ILLINOIS CITY DAM 16																.03								.01	.04
LAWN RIDGE											.04	.04		.02		.01									.11
MASON CITY																								.04	.04

See reference notes following Station Index

Table 4–Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PEORIA LOCK AND DAM	//											.02	.02	.01							.03	.01	.01	.03	.07	.20
PEORIA WB AIRPORT																								.02	.02
PITTSFIELD WATER WORKS																								.01	.01
RANTOUL CHANUTE AF BASE	//			.02								.02	.01	.03	.01									.01	.10
WASHINGTON												.03	.05												.08
														—15th—											
ALEXIS WATER WORKS				.03	.02		.02				.02	.01					.05	.13	.02		.02				.32
AUGUSTA HIGH SCHOOL									.07								.10	.15	.05						.37
BEARDSTOWN LAGRANGE DAM	//	.04	.01														.01	.01	.02	.02	.02				.13
BELLEVILLE SCOTT AF BSE	//																				.05	.04	.01	.03	.07	.20
BELVIDERE SEWAGE PLANT													.03	.01				.01	.04	.01	.02	.01				.13
BRADFORD CAA	6	*	*	*	*	*	.05	*	*	*	*	*	.06	*	*	*	*	*	.14	*	*	*	*	*	.04	
CAIRO WB CITY																								.08	.13	.21
CAMP ELLIS			.03					.02											.15	.05						.25
CARPENTER 1 SW																				.02	.03	.02	.03			.10
CHICAGO CAL TREAT WKS			.01		.01	.01	.02	.01	.01	.01	.01									.13	.03					.25
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-			.02	.03							.11	.05	.02				
CHICAGO SAN DIST DISPAT					.02		.01	.01		.01	.01	.03	.03							.14	.04					.30
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY								.01	.01		.01	.02		.01						.09	.02	.01				.18
CHICAGO WB AIRPORT					.02	.01	.01	.01	.01	.02	.02	.03	.02							.19	.03					.37
CHICAGO WB CITY					.04	.01	.01	.01	.01	.02	.02	.03	.02							.13	.03	.01				.34
CISNE BROWN CAMP																							.03	.10	.03	.16
COLLINSVILLE																					.06	.01	.03	.01		.11
CRETE			.01	.01	.01	.01	.01		.01	.04	.02		.01	.01	.01					.10	.07	.05	.01			.38
DANVILLE WATER WORKS									.05			.02	.01									.02	.04	.01		.15
DIONA																				.04	.06		.08	.03	.01	.22
DOWNS 2 NE			.03	.02									.02						.03	.03	.02	.01	.01			.17
DWIGHT STATE REFORM								.02			.05						-	-	-	-	-	-	-	-	-	-
EFFINGHAM CAA	//	.02	.01		.01	.01														.05	.07	.01	.07	.01	.02	.28
EVANSTON PUMP STA			.01		.01	.01	.01					.01	.03							.10	.04	.01				.23
FARMER CITY		.05	.02	.01		.01														.01		.03				.13
FREEPORT SEWAGE PLANT								.02		.02		.01	.09	.07	.03			.04	.20	.08	.01	.01	.02			.60
FULTON DAM 13					.02	.03	.03					.10	.03	.02		.05		.15	.05							.48
GALATIA										.01	.02	.02				.02			.01					.02	.05	.15
GLENDALE EXP FARM		.01	.01																					.02	.03	.07
GOLCONDA DAM 51																									.06	.06
HOOPESTON					.05														.01	.03		.02	.03	.01		.15
HUDSON LK BLOOMINGTON		.01	.03	.01	.01	.01	.02	.02	.01	.02	.02	.01	.01	.02	.01	.01	.01	.02	.05	.06	.02					.38
ILLINOIS CITY DAM 16			.01						.02		.03		.03	.01	.01	.10	.20	.05	.05							.51
JACKSONVILLE SEWAGE PL			.03	.01															.02	.15	.03	.02				.26
JOLIET WB AIRPORT	6	*	*	*	*	*	.04	*	*	*	*	*	.10	*	*	*	*	*	.07	*	*	*	*	*	.04	
KANKAKEE SEWAGE PLANT					.01	.01	.01	.01	.01	.01				.01	.01	.01		.01		.02	.06	.06		.01		.25
LANARK					.03	.01		.01	.02	.01	.02		.20	.03			.02	.03	.25	.03	.02					.68
LAWN RIDGE						.02			.01		.02	.02				.03		.07	.02	.08	.02					.29
LOCKPORT LOCK AND DAM				.02		.01	.01	.01	.02	.02			.05						.05	.05						.24
LOCKPORT POWER HOUSE				.02		.01		.02		.02		.05							.06	.06	.01					.25
LOUISVILLE																						.01	.08	.02	.04	.15
MARIETTA			.02	.01					.02	.04	.01						.02	.01	.15	.01						.29
MASON CITY		.01	.02	.01						.02					.03		.08	.02								.19
MC HENRY									.02				.10	.03	.01			.01	.03	.07	.03		.01			.30
MOLINE WB & AIRPORT	//					.01	.01			.01	.01	.20	.02				.08	.15	.08	.01	.01					.59
MORRISONVILLE																				.01	.04	.02				.07
MT CARMEL WATER WORKS																									.02	.02
MURPHYSBORO WATER WORKS	//																						.14	.10	.09	.33
OREGON POWER PLANT	//																		.05	.02	.02	.01				.10
PEORIA LOCK AND DAM	//	.03	.01					.02	.01									.02	.01	.04	.01					.15
PEORIA WB AIRPORT		.01		.01														.02	.01	.07						.15
PITTSFIELD WATER WORKS		.01	.01									.02		.01				.07	.18	.01	.01					.32
PRINCETON 1 S	//	.01	.01	.01	.01			.01		.01								.07	.01	.11	.01					.26
PROPHETSTOWN				.01		.01		.01	.02	.01	.01	.02	.01	.04	.01				.05	.03						.23
QUINCY DAM 21								.02						.02			.10	.26	.01	.01						.42
RANTOUL CHANUTE AF BASE	//		.03	.02					.02											.02	.01		.09	.01		.20
RICHVIEW																						.05	.10	.02	.08	.25
ROCKFORD CAA	6	*	*	*	*	*	.05							*	*	*	*	*	.07	*	*	*	*	*	.04	
SKOKIE N S TREAT WKS					.02	.01	.01	.01				.01	.02						.04	.07	.03	.01				.23
SPRINGFIELD WB AIRPORT	//						.01												.01	.01	.05					.08
SPRINGFIELD WB CITY		.02				.01			.01				.01			.01		.01			.08					.15
SULLIVAN WATER WORKS	//							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URBANA EXP FARM							.01											.01								.02
WASHINGTON		.02		.03						.07	.14	.03		.02				.02		.07	.01					.41
WATERMAN	//		.02		.02	.01	.04	.01					.05						.09	.04	.02					.30
WENONA		.01	.02						.02		.10	.13						.02								.30
WEST FRANKFORT 8 E																								.05	.04	.09
														—16th—												
BELLEVILLE SCOTT AF BSE	//													.07	.13	.04	.03	.03								.30
CAIRO WB CITY		.07	.02	.02	.08	.08	.04	.05	.01	.02	.04	.12	.02	.04	.05	.09	.09	.10	.04	.04	.02					1.06
CARPENTER 1 SW															.05	.02	.03	.03								.13
CISNE BROWN CAMP		.10	.02	.11	.02	.01				.01				.01	.06	.10	.10	.05	.07	.03						.69
COLLINSVILLE													.01	.11	.13	.04	.05									.34
DANVILLE WATER WORKS																.04	.04	.03	.01	.04						.16
DIONA			.01	.01	.02	.01									.02	.11	.02	.02	.03	.02						.27
EFFINGHAM CAA	//	.02		.01	.01	.02								.01	.05	.08	.02	.02	.03	.03						.30
GALATIA		.09	.07	.01	.18						.05	.05	.05	.02	.03	.08	.09	.08	.04	.01	.02					.87
GLENDALE EXP FARM		.04	.08	.01	.09	.09	.01	.01	.01	.02	.01	.07	.06	.02	.06	.06	.08	.10	.06	.06	.04					.98
GOLCONDA DAM 51		.02	.04	.01		.10	.04	.01			.04	.09	.07	.02	.07	.06	.08	.07	.05	.05	.05	.02				.89
HOOPESTON																	.05									.05
KANKAKEE SEWAGE PLANT				.01																						.01
LOUISVILLE		.05	.02	.05									.01	.04	.08	.07	.05	.04	.05	.02						.48
MORRISONVILLE															.08	.07	.02	.03								.20
MT CARMEL WATER WORKS		.03	.05	.05	.04	.13	.01			.02			.04	.01	.04	.06	.05	.05	.05	.05	.04					.72
MURPHYSBORO WATER WORKS	//	.04	.08	.05						.01	.01	.04	.07	.07	.10	.12	.04	.07	.04							.74
RANTOUL CHANUTE AF BASE	//															.01	.04	.01								.06
RICHVIEW			.05								.02	.01	.02	.09	.11	.09	.06	.05	.02							.52
URBANA EXP FARM																.07	.03	.02								.12
WEST FRANKFORT 8 E		.10	.09	.10	.08	.11	.01		.01	.01	.02	.02	.03	.05	.04	.07	.14	.03	.12	.05	.01					1.09
														—17th—												
CAIRO WB CITY																								.01	.04	.05
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO WB CITY															.01											.01
GOLCONDA DAM 51																							.02	.01	.02	.05
URBANA EXP FARM						.03																				.03
														—18th—												
ALEXIS WATER WORKS										.02	.01	.05	.07	.10	.05	.05	.03	.01	.01		.03	.02	.02	.01		.48
AUGUSTA HIGH SCHOOL										.08	.12	.13	.17	.09	.01	.02	.03	.03	.01	.01	.02	.07	.01			.80
BEARDSTOWN LAGRANGE DAM	//									.01	.04	.20	.04	.01	.01	.02	.01		.02	.08	.01	.04	.01			.50
BELLEVILLE SCOTT AF BSE	//			.03	.22	.10	.09	.01	.04	.11	.37	.18	.30	.30	.12	.08	.15	.04	.01	.05	.03	.04	.01			2.28
BELVIDERE SEWAGE PLANT														.02	.10	.05	.04	.08	.06	.05			.05	.02	.01	.48
BRADFORD CAA	6							*	*	*	*	*	.14	*	*	*	*	*	.23	*	*	*	*	*	.27	
CAIRO WB CITY		.10	.10	.09	.06	.04	.03	.03	.03	.02	.01	.01	.01		.02	.42	.03	.02			.07	.02	.05	.01		1.02
CAMP ELLIS										.04	.10		.15	.12	.03											.62

See reference notes following Station Index.

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CARPENTER 1 SW					.05	.03	.06	.03	.06	.16	.20	.33	.27	.28	.08	.12	.15			.04						1.86
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA													.01	.01	.13	.14	.12	.25	.21	.09	.05	.06	.06	-	-	-
CHICAGO SAN DIST DISPAT													.03	.03	.13	.16	.18	.21	.20	.11	.02	.03	.05	-	-	-
CHICAGO UNIVERSITY											.02	.04	.07	.06	.11	.11	.13	.21	.15	.06	.05	.06	.06	.06	.01	1.20
CHICAGO WB AIRPORT											.01	.03	.05	.05	.09	.10	.12	.21	.15	.06	.05	.06	.06	.06	.01	1.11
CHICAGO WB CITY											.02	.03	.04	.06	.10	.16	.16	.22	.20	.09	.02	.02	.05	.04	.02	1.23
CISNE BROWN CAMP			.02	.10	.13	.27	.25	.52	.06	.15	.05	.05	.06	.10	.03	.24	.29	.28	.05							2.65
COLLINSVILLE			*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.29									2.29
CRETE										.05	.07	.02	.08	.19	.11	.14	.15	.12	.19	.09	.04		.04		.01	1.30
DANVILLE WATER WORKS									.08	.18		.07	.17	.25	.23	.40	.37	.23	.08	.11	.04	.04	.01			2.26
DIONA					.02	.05	.02	.11	.10	.06	.09	.23	.25	.22	.28	.45	.50	.04	.10	.03						2.55
DOWNS 2 NE			.02							.01	.09	.12	.28	.10	.17	.14	.12	.15	.03		.02	.05	.01			1.31
DWIGHT STATE REFORM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EFFINGHAM CAA	//						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.06		2.06
EVANSTON PUMP STA															.08	.14	.16	.22	.14	.05	.07	.09	.06	.02		1.03
FARMER CITY								*	*	*	*	*	*	*	*	*	*	*	*	*	1.36					1.36
FREEPORT SEWAGE PLANT															.03	.01	.04	.04	.06	.02	.01	.04	.11	.04	.02	.42
FULTON DAM 13														.03	.02	.04	.04	.02	.04	.01	.01	.04	.02			.27
GALATIA		.03	.10	.10	.04		.04	.03	.04			.01	.04	.03	.09	.34	.03	.10	.01							1.03
GLENDALE EXP FARM		.08	.11					.01		.01	.06	.07	.06	.08	.01	.20	.09	.04	.02							.84
GOLCONDA DAM 51		.13	.07		.01	.01	.06	.10	.05		.02	.01					.25	.04	.03	.01						.79
HOOPESTON							.03		.02	.20	.05	.05	.15	.15	.23	.30	.32	.15	.10	.10	.04	.01				1.90
HUDSON LK BLOOMINGTON										.05	.04	.04	.05	.12	.02	.19	.11	.01	.01	.04	.11				.01	.80
ILLINOIS CITY DAM 16													.05	.05	.03	.02	.05	.05		.05	.05		.05			.40
JACKSONVILLE SEWAGE PL						.01	.03		.04	.05	.05	.01	.12	.07	.03	.03	.07			.03	.04					.58
JOLIET WB AIRPORT	6				*	*		*	*	*	*	*	.15	*	*	*	*	*	.78	*	*	*	*	*	.22	
KANKAKEE SEWAGE PLANT									.01	.02	.03	.06	.22	.16	.12	.16	.08	.19	.17	.06		.04	.04	.02		1.38
LANARK														.05	.02	.08	.06	.05	.03	.02	.04	.05	.05			.45
LAWN RIDGE										.04	.08	.02	.10	.13	.02	.04	.04	.03			.07	.03	.02	.01		.63
LOCKPORT LOCK AND DAM													.04	.05	.14	.14	.09	.15	.12	.07	.04	.09	.05	.02	.04	1.04
LOCKPORT POWER HOUSE														-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE				.01	.04	.04	.22	.23	.15	.07	.15	.13	.13	.27	.10	.25	.57	.10	.06	.10						2.62
MARIETTA										.03	.07	.09	.10	.11	.02	.01		.01	.01			.05	.04	.04	.01	.01	.60
MASON CITY										.02	.10	.03	.10	.11	.13	.03	.10	.07			.08					.77
MC HENRY													.01	.06	.11	.09	.11	.05	.18	.01	.01	.03	.05	.01	.01	.73
MOLINE WB & AIRPORT	//											.01	.06	.05	.02	.10	.03	.03	.01	.01	.03.	.04	.01	.01		.41
MORRISONVILLE						.03	.02		.05	.05	.05	.15	.15	.20	.25	.19	.09	.12	.10	.03	.02	.03				1.53
MT CARMEL WATER WORKS		.03	.06	.09	.19	.02	.01		.05	.05	.05	.02	.06	.01	.11	.02	.01	.37	.08	.11	.01					1.35
MURPHYSBORO WATER WORKS	//	.01	.01	.06	.04	.19	.22		.02			.03	.04	.09	.05	.12	.25	.07	.03	.03	.05	.02				1.33
OREGON POWER PLANT	//													.06	.04	.03	.03	.05				.05	.04	.05	.01	.36
PEORIA LOCK AND DAM	//									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PEORIA WB AIRPORT						.03	.02			.10	.10	.09	.04	.06	.05	.08	.07	.08	.09	.01	.03	.05	.05	.04	.02	1.01
PITTSFIELD WATER WORKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.60				.60
PRINCETON 1 S	//										.02	.05	.05	.11	.07	.02	.08	.05	.02		.01	.10	.08	.06	.03	.75
PROPHETSTOWN												.01	.04	.09	.03	.04	.04	.02	.04		.01	.08	.07		.02	.49
QUINCY DAM 21										*	*	*	*	*	*	*	*	*	*	*	*	*	*	.79		.79
RANTOUL CHANUTE AF BASE	//								.02	.03	.03	.08	.12	.14	.28	.26	.22	.17	.12	.04	.04	.03				1.58
RICHVIEW			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.02		2.02
ROCKFORD CAA	6													*	*	*	*	*	.50	*	*	*	*	*	.15	
SKOKIE N S TREAT WKS												.01	.04	.05	.09	.13	.17	.15	.18	.06	.04	.07	.09	.01		1.09
SPRINGFIELD WB AIRPORT						.02	.02	.08	.10	.15	.13	.20	.17	.10	.12	.18	.12	.05	.01		.01	.01	.01	.01	.01	1.50
SPRINGFIELD WB CITY							.03	.05	.03	.17	.11	.25	.14	.15	.15	.11	.21	.02	.01		.07					1.50
SULLIVAN WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URBANA EXP FARM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.74				1.74
WASHINGTON										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90	.90
WATERMAN	//												*	*	*	*	*	*	*	*	*	*	*	.63		.63
WENONA											.02	.03	.03	.10	.10	.05	.12	.10				.05	.05	.02	.01	.68
WEST FRANKFORT 8 E			.02	.07	.16	.10		.01		.01		.01	.02	.08	.12	.19	.38	.09	.06							1.39
—19th—																										
ALEXIS WATER WORKS				.01	.01																					.02
BEARDSTOWN LAGRANGE DAM	//										.02	.01	.02	.01												.06
BRADFORD CAA	6	*	*	*	*	*	.02																			
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-													
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-													
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY		.01																								.01
CHICAGO WB AIRPORT		.01																								.01
CHICAGO WB CITY		.02																								.02
FREEPORT SEWAGE PLANT		.01																								.01
HUDSON LK BLOOMINGTON		.01									.02	.04	.05								.01	.01				.14
JACKSONVILLE SEWAGE PL			.01	.19																						.20
KANKAKEE SEWAGE PLANT				.02		.02																				.04
OREGON POWER PLANT	//	.01	.01																							.02
PEORIA LOCK AND DAM	//	*	*	*	*	*	*	*	*	*	*	*	*	.71												.71
PROPHETSTOWN		.01																								.01
—20th—																										
HUDSON LK BLOOMINGTON													.01	.13	.02	.01	.01									.18
PEORIA LOCK AND DAM	//								.01	.01													.02			.04
WEST FRANKFORT 8 E													.01	.01												.02
—21st—																										
ALEXIS WATER WORKS										.01	.01	.01														.03
BEARDSTOWN LAGRANGE DAM	//											.05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CAIRO WB CITY						.02	.06	.04	.05	.14	.12			.04	.05	.01										.53
CHICAGO SAN DIST DISPAT														.01												.01
CISNE BROWN CAMP							.01	.03																		.04
DOWNS 2 NE											.04	.04	.03	.04												.15
DWIGHT STATE REFORM											.06	.04	.03	.02	.01	.05										.21
EVANSTON PUMP STA													.01													.01
GALATIA									.03	.04																.07
GLENDALE EXP FARM							.04	.06	.04	.16	.10	.01		.07	.04											.52
GOLCONDA DAM 51							.02	.05	.03	.12	.15			.05	.09	.01										.52
HUDSON LK BLOOMINGTON											.05															.05
MASON CITY													.03	.02	.01	.01										.07
MORRISONVILLE											.02	.02														.04
MT CARMEL WATER WORKS								.02	.02	.03	.01		.01	.01												.10
MURPHYSBORO WATER WORKS	//							.02	.01																	.03
WEST FRANKFORT 8 E										.02																.02
—23d—																										
ALEXIS WATER WORKS								.01	.05	.12	.13	.09	.08	.03	.01											.52
AUGUSTA HIGH SCHOOL								.05	.10	.09	.14	.07	.05	.02	.01	.01										.54
BEARDSTOWN LAGRANGE DAM	//	*	*	*	*	*	*	*	*	.65	.13	.12	.14	.03												1.12
BELLEVILLE SCOTT AF BSE	//			.01		.03	.04	.01	.02	.05	.01	.02	.03	.07	.25	.19	.01		.01							.75
BELVIDERE SEWAGE PLANT												.05	.04	.07	.04	.05	.05	.04								.34
BRADFORD CAA	6							*	*	*	*	*	.32	*	*	*	*	*	.05							
CAIRO WB CITY					.01	.06	.06		.07	.04			.01			.01	.04	.01	.07	.16	.01	.03	.05	.03	.01	.67
CAMP ELLIS									.05	.10	.12	.11	.13	.08	.05	.03										.67
CARPENTER 1 SW							.03	.02	.01	.01	.04	.08	.09	.05	.32	.09	.01									.75
CHICAGO CAL TREAT WKS												.07	.10	.06	.06	.04	.06	.03	.02	.01	.01					.46
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	.06	.01	.01	.09	.12	.03	.01					

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO SAN DIST DISPAT												.03	.12	.06	.05	.04	.09	.05	.02	.01						.47
CHICAGO SAN DIST OFF		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO UNIVERSITY												.03	.10	.04	.04	.04	.06	.05	.03	.01						.40
CHICAGO WB AIRPORT												.05	.09	.05	.04	.04	.09	.04	.02	.01			.01			.44
CHICAGO WB CITY												.04	.10	.05	.05	.04	.08	.07	.02	.02		.01				.49
CISNE BROWN CAMP					.01	.05	.04	.02	.02			.01	.05	.02	.02	.18	.13	.04	.10	.09	.10	.02	.10	.09	.20	1.29
COLLINSVILLE				.02		.02	.03	.03	.02	.02	.01	.07	.03	.02	.26	.07										.60
CRETE											.06	.07	.07	.08	.05	.01	.04	.03	.02	.02	.01	.01	.01			.48
DANVILLE WATER WORKS										.07	.02		.05	.01	.01	.03	.07	.05	.03							.34
DIONA						.05			.02	.03			.02	.01	.07	.25	.10	.11	.03	.01	.02		.01	.01	.03	.77
DOWNS 2 NE								.01	.03	.11	.10	.05	.08	.08	.11	.09										.66
DWIGHT STATE REFORM			.01	.01	.01					.02	.08	.07	.08	.05	.06	.01	.03	.01								.44
EFFINGHAM CAA	//				.02	.02	.01	.06	.04			.01		.01	.05	.31	.18	.07	.04	.05	.01	.02	.02			.92
EVANSTON PUMP STA												.02	.10	.07	.07	.03	.07	.13	.02	.02	.01	.01	.01			.56
FARMER CITY									.10	.10	.07	.05	.08	.04	.10	.09										.63
FREEPORT SEWAGE PLANT												.04	.02	.04	.02	.06	.03	.01								.22
FULTON DAM 13										.02	.03	.06	.10	.04	.03	.06	.01									.35
GALATIA								.02	.02	.11	.04			.03	.01	.03	.08	.11	.07	.07	.02		.02	.07	.04	.74
GLENDALE EXP FARM							.02	.06	.02	.10	.01						.08	.12	.15	.34	.03		.04	.01		.98
GOLCONDA DAM 51								.03	.01	.16	.05						.04	.06	.05	.10	.05	.02	.11	.06	.01	.75
HOOPESTON										.06	.08	.07	.03	.03	.03	.08	.05	.02								.45
HUDSON LK BLOOMINGTON								.01	.06	.08	.11	.05	.05	.05	.09											.50
ILLINOIS CITY DAM 16										.03	.07	.10	.10	.05	.04	.01										.40
JACKSONVILLE SEWAGE PL					.01	.05	.02	.08		.22	.06	.14	.18	.09	.03	.01										.89
JOLIET WB AIRPORT	6							*	*	*	*	*	.21	*	*	*	*	*	.23	*	*	*	*	*	.01	
KANKAKEE SEWAGE PLANT											.01	.07	.04													.12
LANARK		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.45	.45
LAWN RIDGE										.05	.14	.09	.10	.01	.11	.02	.01	.01								.54
LOCKPORT LOCK AND DAM										.02		.07	.08	.07	.08	.03	.04	.03	.01	.01	.01					.45
LOUISVILLE						.02	.03	.03	.02	.01		.01		.01	.02	.33	.14	.13	.02	.05	.08	.02	.05	.03	.06	1.06
MARIETTA						.02	.02	.01	.10	.14	.10	.11	.04	.01	.03											.58
MASON CITY								.02	.17	.10	.09	.11	.16	.17	.10											.92
MC HENRY												.04	.06	.10	.04	.06	.08	.05	.02							.45
MOLINE WB & AIRPORT	//								.01	.02	.09	.09	.09	.02	.07			.01								.40
MORRISONVILLE					.03	.01	.01		.05	.05	.03	.07	.13	.20	.22	.15	.05	.03								1.03
MT CARMEL WATER WORKS						.01	.02		.01	.01	.08	.11	.01			.04	.14	.09	.13	.15	.08	.17	.15	.15	.08	1.43
MURPHYSBORO WATER WORKS	//		.01	.03	.03	.05	.13	.03	.01	.01	.01				.02	.15	.09	.11	.14	.08	.03		.03	.02	.02	1.00
OREGON POWER PLANT	//										.01	.06	.08	.06	.06	.08	.05									.40
PEORIA LOCK AND DAM	//								.13	.15	.08	.09	.08	.07	.08	.03	.01	.01								.73
PEORIA WB AIRPORT								.04	.08	.12	.12	.09	.10	.07	.10	.03										.75
PITTSFIELD WATER WORKS						.03	.02	.10	.05	.18	.16	.31	.10	.05			.02		.01						.01	1.04
PRINCETON 1 S	//									.02	.06	.11	.11	.07	.07	.08	.02									.55
PROPHETSTOWN									.02	.03	.05	.10	.07	.07	.08	.05	.02	.01								.52
QUINCY DAM 21								.05	.13	.08	.16	.08	.02													.52
RANTOUL CHANUTE AF BASE	//								.08	.08	.11	.03	.05	.03	.06	.08	.04	.01	.01	.01	.01					.60
RICHVIEW					.03	.02	.05	.03	.05	.02	.05			.03	.12	.20	.10	.09	.06	.14	.03	.06	.02	.02	.33	1.45
ROCKFORD CAA	6							*	*	*	*	*	.20	*	*	*	*	*	.46	*	*	*	*	*	.02	
SKOKIE N S TREAT WKS												.02	.08	.07	.06	.02	.06	.10	.02	.02	.01					.46
SPRINGFIELD WB AIRPORT	//					.02	.07	.04	.07	.07	.10	.10	.10	.09	.11	.02										.79
SPRINGFIELD WB CITY						.03	.05	.05	.06	.08	.11	.07	.11	.10	.16	.05	.01									.88
SULLIVAN WATER WORKS	//							.02	.03	.02				.05	.22	.21	.15	.10	.01	.01						.82
URBANA EXP FARM									.06	.08	.05	.05	.04	.02	.09	.15	.07	.03								.64
WASHINGTON									.10	.12	.10	.08	.08	.08	.06	.06										.68
WATERMAN	//										.01	.05	.04	.14	.06	.12	.08	.05								.55
WENONA							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.65	.65
WEST FRANKFORT 8 E		.01		.01	.02	.01	.01	.05	.01	.04	.01				.01	.09	.09	.20	.18	.09	.03		.03	.09	.07	1.05
														–24th–												
BEARDSTOWN LAGRANGE DAM	//	.01	.01	.01																						.03
BELLEVILLE SCOTT AF BSE	//		.01						.01	.02	.01	.10	.08	.03												.26
CAIRO WB CITY		.04	.02	.29	.04	.11	.16	.91	.68	1.02	.98	.69	.41	.28	.02	.01	.04		.06		.01	.01	.01	.01	.01	5.80
CISNE BROWN CAMP		.53	.57	.32	.08	.04	.03	.12	.16	.09	.11	.07	.08	.07	.08	.01	.01									2.37
COLLINSVILLE												.07														.07
DWIGHT STATE REFORM			.01																							.01
FREEPORT SEWAGE PLANT											.02															.02
GALATIA		.07	.19	.15	.05	.10	.11	.16	.18	.19	.17	.24	.17	.07	.16	.14	.05	.01	.02	.02	.01	.01				2.27
GLENDALE EXP FARM		.02	.01	.10	.09	.07	.14	.47	.14	.15	.18	.19	.33	.32	.08	.06	.02	.06	.02	.02	.05	.04	.01	.03	.01	2.51
GOLCONDA DAM 51			.03	.11	.18	.07	.16	.55	.25	.25	.20	.25	.35	.29	.14	.05	.07	.09	.04	.02	.02	.01	.02			3.15
JACKSONVILLE SEWAGE PL			.01	.01	.01																					.03
JOLIET WB AIRPORT	6	*	*	*	*	*	.01																			
KANKAKEE SEWAGE PLANT						.02																				.02
LOUISVILLE		.04	.01			.01	.04		.04	.01	.03		.01	.03	.02											.24
MT CARMEL WATER WORKS		.67	.16	.72	.45	.10	.07	.07	.13	.12	.12	.08	.14	.17	.15	.13	.04	.03	.04			.01				3.40
MURPHYSBORO WATER WORKS	//	.01	.01	.19	.14	.19	.17	.27	.23	.33	.37	.28	.17	.10	.19	.03	.02	.01	.01		.02					2.74
OREGON POWER PLANT	//							.05																		.05
PEORIA WB AIRPORT		.01																								.01
PITTSFIELD WATER WORKS		.01																			.02			.03		.06
RICHVIEW		.18	.06	.10	.01	.12	.03	.17	.03	.15	.15	.08	.07	.05	.05			.03	.01		.01					1.30
ROCKFORD CAA	6	*	*	*	*	*	.01																			
SPRINGFIELD WB AIRPORT	//					.01																				.01
WEST FRANKFORT 8 E		.03	.04	.15	.06	.14	.14	.27	.20	.20	.24	.22	.10	.16	.16	.13	.06	.01	.01	.01	.01	.01				2.35
														–25th–												
ALEXIS WATER WORKS																					.01	.01				.02
AUGUSTA HIGH SCHOOL																					.03	.02	.06	.02	.07	.20
BEARDSTOWN LAGRANGE DAM	//																.01	.02	.02	.02	.05	.03	.05	.05	.05	.30
BELLEVILLE SCOTT AF BSE	//																					.03	.01		.02	.06
BELVIDERE SEWAGE PLANT							.01	.03	.03		.01									.01	.03	.02	.03	.01	.01	.19
BRADFORD CAA	6													*	*	*	*	*	.02	*	*	*	*	*	.16	
CAIRO WB CITY		.03	.01	.01	.01	.02	.02	.05	.05	.01						.01	.02	.03	.04	.04	.01	.02		.09	.05	.52
CAMP ELLIS																.03	.02	.05		.02	.02	.03	.05	.06	.04	.32
CHICAGO CAL TREAT WKS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO SAN DIST DISPAT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO UNIVERSITY																				.01	.03	.01	.01	.01	.02	.09
CHICAGO WB AIRPORT												.01				.01				.01	.02	.02	.02	.01	.01	.11
CHICAGO WB CITY													.01								.03	.01	.01	.01	.03	.10
CISNE BROWN CAMP																				.01	.02	.04	.08	.05	.02	.22
COLLINSVILLE													.01		.01		.02	.01		.01		.01	.01	.03	.01	.12
CRETE																						.02	.04	.02	.03	.11
DANVILLE WATER WORKS														–	–	–	–	–	–	.01		.01	.03	.02	.08	
DIONA		–	–	–	–	–	–	–	–	–	–	–	–						.05	.02	.01	.01	.01	.03	.04	
DOWNS 2 NE																	*	*	*	*	*	*	*	*	*	*
DWIGHT STATE REFORM																					.01	.01	.01		.02	.05
EFFINGHAM CAA	//																							.02	.01	.03
EVANSTON PUMP STA		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FARMER CITY																			.01		.01	.01	.03	.05	.07	.18
FREEPORT SEWAGE PLANT							.01	.01	.01	.02									.01	.02	.03	.02	.02	*	*	
FULTON DAM 13																				.01	.01	.02	.01			.02
GALATIA			.01	.02	.01	.02											.01	.05	.07	.03	.04	.08	.03	.02	.39	
GLENDALE EXP FARM		.02	.02	.01	.06	.05	.02		.04	.02	.01	.01					.07	.03	.02		.03	.03	.02	.13	.59	
GOLCONDA DAM 51		.03		.01	.01	.05	.03	.02	.02	.03							.08	.01	.02	.02	.01	.02	.02	.11	.49	
HOOPESTON																			.02			.01	.04	.05	.12	
ILLINOIS CITY DAM 16														*	*	*	*	*	.04						.04	
JACKSONVILLE SEWAGE PL																						.05	.02	.03	.10	
JOLIET WB AIRPORT	6							*	*	*	*	*	.02							*	*	*	*	*	.18	

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LANARK					.02	.01	.02	.03		.01		.01								.04	.03	.02	.01		.02	.22
LAWN RIDGE																						.01	.01	.03	.02	.07
LOCKPORT LOCK AND DAM																					.04	.03	.01		.02	.10
LOUISVILLE																.01	.05	.02	.01			.01	.06	.11	.04	.31
MARIETTA																		.05	.05	.01	.02	.01	.03	.05	.03	.15
MASON CITY																		.01	.02	.01	.03	.02	.03	.03	.05	.25
MC HENRY							.04	.04	.01	.01											.01	.03	.03			.20
MOLINE WB & AIRPORT	//																		.05							.05
MORRISONVILLE																					.03	.02	.05	.05	.03	.18
MT CARMEL WATER WORKS			.01	.01																.02	.02	.04	.04	.08	.03	.25
MURPHYSBORO WATER WORKS	//			.01	.01	.01	.01											.02	.02	.05	.06	.12	.04	.01	.05	.41
OREGON POWER PLANT	//																			.04	.03	.03				.10
PEORIA LOCK AND DAM	//													*	*	*	*	*	*	*	*	*	*	*	*	*
PEORIA WB AIRPORT																	.01	.02	.02	.02	.03	.04	.04	.03	.03	.24
PITTSFIELD WATER WORKS																			.05	.01	.01	.03	.02	.04	.01	.17
PRINCETON 1 S	//																			.02	.02		.01	.01	.01	.07
PROPHETSTOWN																		.01	.02		.01		.01		.01	.06
QUINCY DAM 21															.01		.03	.03	.01	.01	.04	.02	.03	.05	.03	.26
RANTOUL CHANUTE AF BASE	//																						.02	.02	.03	.07
RICHVIEW																					.03	.02	.03	.01		.09
ROCKFORD CAA	6	*	*	*	*	*	.08	*	*	*	*	*	.07							*	*	*	*	*	.31	
SKOKIE N S TREAT WKS												.02	.02								.01	.01			.03	.09
SPRINGFIELD WB AIRPORT	//																			.03	.03	.03	.04	.04	.05	.22
SPRINGFIELD WB CITY																					.02	.01	.04	.05	.03	.15
SULLIVAN WATER WORKS	//																						.02	.06	.02	.10
URBANA EXP FARM																		*	*	*	*	*	*	*	.38	
WASHINGTON																		.02	.01	.01	.01	.04	.03	.03	.05	.20
WATERMAN	//									.02											.03		.02		.01	.08
WENONA														.05								.02	.02		.05	.14
WEST FRANKFORT 8 E														.01	.01				.04	.03	.07	.08	.13	.03	.01	.41
ALEXIS WATER WORKS																										
AUGUSTA HIGH SCHOOL		.02																					.01	.01		.02
BEARDSTOWN LAGRANGE DAM	//	.04	.01							.01		.01	.01	.04	.01											.02
BELLEVILLE SCOTT AF BSE	//	.01	.02	.04	.02	.03	.01	.02	.02																	.13
BELVIDERE SEWAGE PLANT		.02								.02		.01														.17
BRADFORD CAA	6	*	*	*	*	*	.01																			.05
CAIRO WB CITY		.03																		.01	.02	.01	.01	.03	.06	.17
CAMP ELLIS		.01																								.01
CARPENTER 1 SW		*	*	*	*	.23																				.23
CHICAGO CAL TREAT WKS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO UNIVERSITY		.04	.02	.03	.01	.01																				.11
CHICAGO WB AIRPORT		.03	.02	.02	.01	.01		.01		.01																.11
CHICAGO WB CITY		.02	.03	.02	.01	.03				.01																.12
CISNE BROWN CAMP		.01	.06	.04	.06	.03	.03	.02	.03	.01	.01															.30
COLLINSVILLE		.01	.03	.03			.01	.02	.04																	.14
CRETE		.04	.05	.05	.01	.01	.03		.02	.03			.01													.25
DANVILLE WATER WORKS		.07	.05	.05	.05	.05																				.27
DIONA		.03	.03	.02	.01	.02	.02		.02			.01	.01	.01	.01	.01				.01		.01	.01			.23
DOWNS 2 NE		*	*	*	*	*	*	*	*	*	*	*	.15													.15
DWIGHT STATE REFORM		.01	.04	.01																						.06
EFFINGHAM CAA	//				.08	.01	.01																			.10
FARMER CITY		.07	.03	.03	.03	.02							.01	.01	.01	.01										.22
FREEPORT SEWAGE PLANT		*	*	*	*	*	*	*	*	.05																.20
FULTON DAM 13		.01																								.01
GALATIA			.05	.04	.01																					.15
GLENDALE EXP FARM		.03	.05	.02	.02																			.01	.04	.17
GOLCONDA DAM 51		.01	.01																				.02	.01	.04	.09
HOOPESTON		.05	.06	.07	.02	.03	.02	.01							.02	.01										.29
JACKSONVILLE SEWAGE PL		.04	.02	.01																						.07
JOLIET WB AIRPORT	6	*	*	*	*	*	.11																			
KANKAKEE SEWAGE PLANT										.01	.01	.01			.01	.01										.05
LANARK				.01									.01													.02
LAWN RIDGE		.01	.01									.05														.07
LOCKPORT LOCK AND DAM		.03	.01		.03				.02																	.09
LOUISVILLE		.01	.03	.04	.02	.08	.04	.01	.01		.02	.04	.02													.32
MARIETTA		.03	.01		.01				.02	.01				.01												.09
MASON CITY		.05	.04	.04																						.13
MORRISONVILLE		.01	.01	.03																						.05
MT CARMEL WATER WORKS		.01	.03	.03	.08	.05			.01				.02													.23
MURPHYSBORO WATER WORKS	//	.01	.01	.04	.01	.01			.02	.01		.03	.04	.03	.01		.01									.23
OREGON POWER PLANT	//											.01														.01
PEORIA LOCK AND DAM	//	*	*	*	*	*	*	*	.32																	.32
PEORIA WB AIRPORT		.03	.02	.01			.02																			.08
PITTSFIELD WATER WORKS		.03	.01	.01										.03	.01	.01										.10
PRINCETON 1 S	//	.01			.01		.01							.02	.01	.01										.07
PROPHETSTOWN				.01																						.01
QUINCY DAM 21		.01																								.01
RANTOUL CHANUTE AF BASE	//	.05	.05	.03	.01	.01	.02								.02	.01										.20
RICHVIEW		.01	.05	.08	.02	.05	.05	.03	.02	.02	.01	.01		.01	.02	.01		.01								.40
SKOKIE N S TREAT WKS		.01				.01	.01	.01	.01	.01																.06
SPRINGFIELD WB AIRPORT	//	.05	.03	.02	.01	.01																				.12
SPRINGFIELD WB CITY		.04	.01	.04				.01																		.10
SULLIVAN WATER WORKS	//	.02	.07	.04											.01	.01										.15
WASHINGTON		.05	.04	.01		.02																				.12
WATERMAN	//	.01	.02		.01	.02																				.06
WENONA		.04	.01																							.05
WEST FRANKFORT 8 E		.01	.01							.02	.04	.03	.01													.13
ALEXIS WATER WORKS			.01		.01	.02	.03	.03			.03	.02	.04	.06	.08	.09	.08	.10	.05	.10	.05	.03	.02			.85
AUGUSTA HIGH SCHOOL						.03	.05	.01		.01	.02		.08	.10	.18	.02	.10	.15	.04	.01	.05					.85
BEARDSTOWN LAGRANGE DAM	//									.01	.01	.01	.10	.14	.16	.18	.19	.07	.05	.03	.06	.02	.01			1.04
BELLEVILLE SCOTT AF BSE	//									.05	.13	.15	.18	.10	.08	.11	.06	.09	.03							.98
BELVIDERE SEWAGE PLANT									.04	.05	.06	.05	.02	.02	.05	.06	.05	.06	.11	.07	.06	.09	.01	.02	.02	.84
BRADFORD CAA	6	*	*	*	*	*	.01							*	*	*	*	*	.42	*	*	*	*	*	.01	
CAIRO WB CITY		.03			.01	.02	.02	.06	.07	.05	.06	.05	.08	.04	.09	.16	.08									.82
CAMP ELLIS							.03				.01		.01	.06	.12	.16	.15	.07	.08	.07	.07	.03				.85
CARPENTER 1 SW											.12	.14	.10	.14	.07	.10	.10	.14								.91
CHICAGO CAL TREAT WKS														.04	.02	.09	.10	.14	.21	.07	.08	.11				.86
CHICAGO UNIVERSITY															.03	.04	.08	.12	.18	.08	.07	.17				.77
CHICAGO WB AIRPORT																.03	.07	.10	.16	.05	.09	.08				.58
CHICAGO WB CITY														.02	.02	.04	.10	.11	.16	.08	.13	.09	.02	.01	.01	.79
CISNE BROWN CAMP									.03		.05	.08	.07	.18	.07	.05	.06	.14	.14							.87
COLLINSVILLE										.07	.20	.18	.10	.10	.07	.09	.04	.05								.90
DANVILLE WATER WORKS											.04		.01	.15	.13	.15	.17	.10	.10	.08	.07					1.00
DIONA										.02	.01	.04	.13	.15	.18	.09	.08	.02	.08	.05						.85
DOWNS 2 NE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.25	1.25
DWIGHT STATE REFORM			.02	.03	.11	.11	.20	.10	.08	.10	.10	.02	.01													.88
EFFINGHAM CAA	//									.01	.02	.09	.19	.22	.18	.05	.09	.01	.24	.06						1.16
FARMER CITY												.01	.04	.15	.11	.25	.10	.17								.83
FREEPORT SEWAGE PLANT								.01	.05	.05	.05	.03	.03	.07	.05	.08	.04	.09	.09	.02	.05	.10		.03	.02	.86
FULTON DAM 13							.03	.03		.04	.01	.01	.07	.02	.08	.03	.10	.08	.05	.24	.12	.05	.05	.03		1.04
GALATIA				.01	.04		.02	.03	.05	.05	.07	.08	.01		.07	.03	.09	.06								.61
GLENDALE EXP FARM		.04	.02	.01	.02		.07	.03	.05	.04	.09	.07	.06	.08	.07	.17	.04	.20	.02							1.08

–26th–

–27th

See reference notes following Station Index.

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GOLCONDA DAM 51		.03					.09	.01	.02	.03	.10	.10	.10	.07	.03	.13	.01	.28	.01							1.01
HOOPESTON													.01	.03	.09	.10	.15	.15	.07	.03	.07	.03				.73
HUDSON LK BLOOMINGTON													.18	.10	.17	.18	.14	.03	.42	.08						1.30
ILLINOIS CITY DAM 16								.03	.12	.04	.01		.01	.02	.05	.02	.10	.08	.22	.10	.03	.04	.03			.90
JACKSONVILLE SEWAGE PL						.01	.01	.04		.01	.02	.05	.10	.14	.09	.14	.11	.05	.05	.11	.07					1.10
JOLIET WB AIRPORT	6							*	*	*	*	*	.02	*	*	*	*	*	.44	*	*	*	*	*	.24	
KANKAKEE SEWAGE PLANT																									.01	.01
LANARK								.07	.02	.04	.01	.01	.04	.10	.05	.05	.08	.09	.02	.04	.12	.08	.04	.07	.01	.94
LAWN RIDGE		.01				.01		.02			.01	.03		.02	.08	.07	.12	.14	.04	.08	.05	.12	.02	.02		.84
LOCKPORT LOCK AND DAM										.01	.01		.03	.02	.01	.06	.11	.09	.17	.08	.11	.06	.01			.77
LOUISVILLE											.01	.20	.10	.15	.17	.05	.08		.12	.02	.01					.91
MARIETTA														.04	.09	.12	.13	.07	.10	.05	.08	.02	.02			.72
MASON CITY												.02	.07	.12	.04	.29	.18	.13	.05	.04		.04				.98
MC HENRY		.02	.01	.01		.01		.02	.03	.10	.05	.05	.05		.03	.04	.03	.10	.10		.03	.12	.03	.04	.03	.90
MOLINE WB & AIRPORT	//					.01	.01	.02	.04	.04	.03	.03	.03	.03	.06	.10	.10	.10	.15	.14	.11		.03		.03	1.06
MORRISONVILLE												.07	.10	.13	.15	.07	.08	.02	.04	.01	.05					.72
MT CARMEL WATER WORKS				.04	.02			.03	.01	.01	.01	.06	.07	.12	.05	.07	.06	.02	.07	.01						.65
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON POWER PLANT	//							.04	.01	.04	.01			.02	.09	.06	.07	.06	.08	.05	.08	.02	.05	.05		.73
PEORIA LOCK AND DAM	//													.03	.10	.15	.20	.20	.10	.07	.03					.88
PEORIA WB AIRPORT								.01	.01	.01	.01	.01	.01	.07	.14	.17	.13	.09	.15	.03	.01					.85
PITTSFIELD WATER WORKS								.05				.03	.07	.17	.16	.21	.11	.05	.03	.02	.10	.03	.01			1.04
PRINCETON 1 S	//				.01							.01	.01	.01	.04	.08	.07	.15	.09	.06	.05	.09	.02	.02		.71
PEOPHETSTOWN							.02		.05	.04	.02		.01	.08	.08	.08	.07	.07	.08	.10	.09	.03	.03	.02	.01	.88
QUINCY DAM 21		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.68				.68
RANTOUL CHANUTE AF BASE	//									.01	.01	.01	.05	.15	.16	.14	.17	.09	.04	.05	.02	.01				.91
RICHVIEW									.01	.15	.13	.05	.12	.05	.08	.11	.01									.71
ROCKFORD CAA	6							*	*	*	*	*	.25	*	*	*	*	*	.46	*	*	*	*	*	.21	
SKOKIE N S TREAT WKS										.01	.04	.01	.01		.02		.03	.09	.11	.10	.08	.15	.02	.01	.02	.70
SPRINGFIELD WB AIRPORT	//							.03	.03	.06	.08	.08	.06	.10	.10	.12	.12	.07	.04							.89
SPRINGFIELD WB CITY												.04	.13	.12	.23	.14	.13	.14	.05	.03	.02	.01				1.04
SULLIVAN WATER WORKS	//									.03			.12	.18	.12	.23	.10	.09	.01	.05			.01	.01		.95
URBANA EXP FARM													.03	.07	.10	.16	.12	.07	.04	.05	.05					.69
WASHINGTON		.02							.02	.03				.03	.10	.12	.20	.17	.10	.04	.08	.01				.92
WATERMAN	//	.01	.01		.01	.01								.03	.09	.09	.10	.11	.06	.11	.02		.07	.06	.01	.79
WENONA												.02			.06	.07	.15	.20	.10	.10	.03	.07	.05			.85
WEST FRANKFORT 8 E				.01	.01	.01	.02	.01	.09	.03	.06	.06	.03	.10	.04	.09	.13	.21								.90
-28th-																										
BELVIDERE SEWAGE PLANT		.03																								.03
BRADFORD CAA	6													*	*	*	*	*	.03							
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY		.02																								.02
CHICAGO WB AIRPORT		.02	.01																							.03
CHICAGO WB CITY		.02																								.02
DWIGHT STATE REFORM			.01	.01		.01	.01																			.04
FREEPORT SEWAGE PLANT		.05	.01		.01									.01	.01											.09
HUDSON LK BLOOMINGTON																					.11	.40				.51
ILLINOIS CITY DAM 16				.02	.01	.01																				.04
KANKAKEE SEWAGE PLANT			.01																							.01
LANARK		.02	.01																							.03
MC HENRY		.03	.01	.01																						.05
MOLINE WB & AIRPORT	//										.01	.01														.02
OREGON POWER PLANT	//	.01																								.01
PEORIA LOCK AND DAM	//											*	*	*	*	*	*	*	*	*	.05					.05
PEORIA WB AIRPORT																		.01								.01
ROCKFORD CAA	6	*	*	*	*	*	.04																			
SPRINGFIELD WB AIRPORT	//																.01									.01
WATERMAN	//	.01	.01	.01	.01																					.04
-30th-																										
CAIRO WB CITY																							.01	.02	.02	.05
GLENDALE EXP FARM		-	-	-	-	-	-	-	-	-	-	-	-											*	*	*
GOLCONDA DAM 51																									.04	.04
MORRISONVILLE													.02		.01											.03
RANTOUL CHANUTE AF BASE	//																		.01							.01
URBANA EXP FARM									.01		.02	.01														.04
-31st-																										
BELLEVILLE SCOTT AF BSE	//		.02	.03	.01																					.06
CAIRO WB CITY		.03	.03	.02	.02	.01	.01																			.12
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO WB AIRPORT									.01																	.01
COLLINSVILLE			.01	.02																						.03
DANVILLE WATER WORKS			.01	.01	.03	.03																				.08
DIONA					.01	.01	.02	.02	.01																	.07
DWIGHT STATE REFORM					.05																					.05
EFFINGHAM CAA	//										.01	.01	.01													.03
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FARMER CITY											.01	.01														.02
GALATIA		.04	.04	.01	.01																					.10
GLENDALE EXP FARM		*	*	*	*	*	*																			.31
GOLCONDA DAM 51		.01	.03	.01	.01		.02																			.08
HOOPESTON						.02	.01			.01	.01	.01			.01											.07
KANKAKEE SEWAGE PLANT									.01	.02																.03
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE				.02	.01	.01			.02		.01	.01														.08
MASON CITY		*	*	*	*	*	.04																			.04
MT CARMEL WATER WORKS		.05	.04	.03	.02	.01																				.15
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT					.01		.01																			.02
RICHVIEW			.03	.04	.02	.01																				.10
SPRINGFIELD WB AIRPORT	//				.01		.01																			.02
SULLIVAN WATER WORKS	//				.02	.01																				.03
WASHINGTON				.05																						.05
WEST FRANKFORT 8 E		.01	.02	.02																.01						.06

See reference notes following Station Index.

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	26	38	38	42	40	45	49	55	45	29	29	28	37	38	54	54	20	25	25	25	30	21	37	37	20	25	34	34	9	7	25	32.9
	MIN	13	22	31	36	21	22	29	32	25	26	25	25	22	30	32	18	7	15	3	-08	18	-04	14	15	12	15	14	8	-06	-09	4	16.4
ALTON DAM 26	MAX	30	44	50	50	46	47	56	56	53	36	34	33	45	46	64	54	38	32	31	28	35	32	43	48	38	29	36	32	14	18	29	39.6
	MIN	22	23	29	30	22	26	30	33	31	31	32	29	28	30	35	23	17	18	5	10	14	20	29	24	21	21	24	10	2	-01	2	21.7
ANNA	MAX	34	41	54	60	44	50	59	61	59	45	41	39	45	52	69	65	36	38	38	40	39	40	63	65	38	33	60	51	23	19	28	46.1
	MIN	26	28	40	42	29	28	34	47	43	35	37	32	32	40	48	35	22	22	24	14	30	31	32	37	29	29	31	22	7	4	10	29.6
ANTIOCH	MAX	27	35	39	39	39	37	45	51	40	32	31	31	35	41	54	53	25	32	33	19	31	24	34	36	31	32	33	33	14	12	18	33.4
	MIN	12	22	24	33	19	16	31	30	30	26	26	26	19	23	29	24	18	13	2	-06	18	-02	10	26	20	28	26	13	-07	-09	-01	17.3
AURORA COLLEGE	MAX	30	34	39	42	42	40	50	51	40	33	31	31	33	43	59	53	24	33	33	24	30	23	35	35	28	30	33	35	12	12	23	34.2
	MIN	10	19	30	35	21	20	30	30	28	27	27	23	20	18	28	23	14	13	1	-03	21	0	16	23	21	26	26	12	-04	-06	5	17.8
BELLEVILLE SCOTT AF BSE	MAX	30	40	51	54	40	47	61	58	52	39	37	37	48	47	66	57	25	34	28	31	38	33	46	46	29	30	42	36	12	18	30	41.4
	MIN	25	29	38	38	27	30	32	43	35	33	34	32	31	39	50	26	20	23	13	12	29	23	31	27	24	28	29	12	3	1	13	26.7
BLOOMINGTON NORMAL	MAX	31	38	40	50	43	42	51	55	50	34	32	30	31	33	64	63	30	32	33	27	33	32	42	42	27	29	33	42	20	13	25	37.0
	MIN	12	25	34	39	25	23	33	39	30	30	29	28	24	28	31	39	11	23	10	3	21	7	20	26	18	25	26	19	-01	-04	10	1.9
CAIRO WB CITY	MAX	33	48	58	63	45	48	58	63	67	49	45	40	49	57	70	59	35	53	37	41	42	46	65	64	37	39	63	44	20	23	28	48.0
	MIN	28	33	48	45	34	33	36	49	48	40	38	36	38	49	55	35	27	29	24	21	37	36	38	35	34	33	37	20	12	9	18	3.9
CARBONDALE SEWAGE PL	MAX	34	40	55	60	45	49	58	62	59	45	42	40	44	49	69	67	37	34	47	38	40	38	59	65	44	34	61	60	23	19	29	46.7
	MIN	29	30	30	45	31	30	33	48	45	36	35	34	34	41	47	37	24	23	25	16	29	31	32	39	30	29	32	23	9	6	10	0.4
CARLINVILLE 4 E	MAX	29	40	49	52	42	44	58	58	51	37	34	34	43	42	66	60	29	33	31	28	36	32	44	47	27	28	41	41	20	17	28	39.4
	MIN	21	26	35	42	24	25	33	40	31	31	32	30	26	32		28	15	18	14	7	25	16	28	27	20	23	26	14	2	-04	12	23.3
CARLYLE	MAX	31	40	50	55	46	47	59	55	55	41	39	35	42	45	66	65	34	34	34	36	39	35	49	52	31	31	52	45	18	19	30	42.3
	MIN	23	27	36	43	26	27	33	44	35	33	32	33	28	35	42	31	18	20	16	12	15	10	18	17	12	16	28	4	2	0	11	23.4
CHARLESTON	MAX	31	38	46	56	52	45	59	53	53	37	37	33	36	36	65	22	22	39	39	31	39	35	46	46	32	32	48	48	19	20	29	39.5
	MIN	22	27	35	44	28	26	33	39	35	35	31	30	28	32	31	17	17	20	17	11	26	19	29	31	26	29	29	19	1	-04	15	25.0
CHICAGO UNIVERSITY	MAX	31	36	37	48	43	41	52	53	44	36	33	32	34	38	62	56	26	36	28	27	34	30	40	40	33	34	38	36	9	14	23	36.3
	MIN	18	27	33	36	23	24	36	36	36	33	30	24	23	29	32	26	20	22	7	9	20	14	30	27	27	30	30	9	-01	-04	13	23.2
CHICAGO WB AIRPORT	MAX	30	37	39	44	42	39	53	54	41	36	32	32	34	40	60	55	25	35	27	27	33	29	39	39	30	32	37	34	7	16	24	35.5
	MIN	13	24	33	37	23	23	35	33	34	32	28	23	23	24	31	25	18	17	5	4	16	9	29	25	25	28	29	7	-03	-04	11	1.1
CHICAGO WB CITY	MAX	32	34	38	49	45	41	52	53	44	36	33	34	34	39	61	57	26	37	28	28	34	31	40	40	35	35	38	36	11	18	24	36.9
	MIN	19	28	34	37	23	23	36	40	35	33	31	25	24	31	32	26	21	21	8	9	21	13	31	28	27	32	31	11	0	-02	14	23.9
CICERO	MAX	32	38	39	45	45	40	53	54	46	37	35	35	35	40	59	56	28	35	35	27	34	28	36	39	31	32	34	37	18	17	25	36.9
	MIN	15	25	32	37	23	22	33	32	35	33	30	25	22	25	30	27	18	17	7	3	26	8	24	28	25	29	29	17	-02	-05	8	1.8
DANVILLE	MAX	36	37	41	55	55	41	53	54	50	38	36	33	34	34	64	60	29	45	36	28	40	36	45	46	31	35	45	50	20	17	27	40.4
	MIN	18	24	35	40	27	25	34	38	36	34	30	27	27	28	27	29	19	20	13	11	25	15	29	30	25	30	29	20	1	-03	12	24.3
DECATUR	MAX	31	38	43	52	45	46	57	57	50	37	34	31	35	35	67	58	27	33	32	27	37	33	45	45	29	30	45	45	11	16	28	38.7
	MIN	20	25	35	41	25	25	33	40	32	32	30	28	25	31	35	25	14	20	11	8	25	16	29	26	22	26	27	11	0	-03	13	3.4
DIXON	MAX	28	34	37	38	38	39	52	53	43	31	29	30	37	44	56	54	20	29	28	22	32	20	36	35	26	29	33	33	11	15	23	33.4
	MIN	3	19	29	34	19	19	31	28	30	24	23	21	19	17	29	20	13	14	-01	-13	19	-07	10	20	17	24	19	11	-07	-07	-01	15.3
DU QUOIN	MAX	34	42	54	62	56	48	60	61	57	43	43	40	42	47	69	66	37	37	35	36	40	37	56	61	37	33	59	59	23	21	31	46.0
	MIN	26	30	40	50	29	29	34	44	41	30	38	33	32	40	45	37	21	26	23	14	30	28	29	33	28	31	31	21	6	4	10	9.4
EAST ST LOUIS	MAX	31	43	52	54	46	50	65	61	55	38	36	36	48	50	59	59	33	34	33	31	37	35	44	47	29	29	44	42	20	19	32	42.0
	MIN	24	30	38	44	26	30	36	42	35	33	34	32	30	40	45	30	20	21	18	11	27	22	29	29	22	26	26	15	7	1	13	26.9
EFFINGHAM CAA	MAX	30	38	48	56	40	45	58	56	51	40	37	34	36	40	65	56	24	36	38	31	38	34	47	48	32	32	55	35	14	18	28	39.7
	MIN	25	27	36	40	28	28	34	40	35	36	31	30	28	33	40	24	18	22	13	13	27	22	32	28	27	30	29	10	1	-01	10	25.6
FAIRFIELD	MAX	33	38	50	68	50	45	62	60	57	43	42	38	39	47	68	64	38	43	43	36	42	37	54	54	50	34	55	55	23	20	30	45.7
	MIN	26	27	37	48	29	30	31	43	42	38	30	32	31	35	42	38	22	21	24	15	29	31	31	39	30	31	31	23	6	3	13	29.2
FLORA	MAX	32	38	49	55	50	47	60	60	56	42	40	37	38	45	68	62	36	36	36	35	40	37	47	53	36	33	45	45	20	19	30	42.8
	MIN	22	24	33	36	27	25	30	39	38	34	33	29	28	32	35	34	19	19	22	10	25	25	29	34	26	28	28	20	2	-01	10	25.5
FREEPORT	MAX	28	35	37	37	36	39	47	50	40	27	29	30	35	41	52	52	38	31	24	18	31	16	35	35	29	28	33	33	8	10	19	32.4
	MIN	4	19	25	33	16	16	30	27	27	20	21	21	17	14	29	17	13	11	-12	-23	16	-15	7	17	15	23	16	7	-10	-13	-08	12.2
FULTON DAM 13	MAX	28	34	37	38	37	28	40	48	51	34	29	28	28	33	40	52	31	22	26	18	30	25	36	35	24	28	35	34	15	13	20	31.5
	MIN	8	18	28	34	22	19	26	27	30	22	23	24	19	17	17	30	12	12	4	-13	17	-06	10	19	14	21	16	14	-06	-07	2	15.2
GALESBURG	MAX	28	40	42	44	30	44	55	56	41	30	30	29	34	40	61	46	40	26	24	26	30	22	39	36	26	27	35	31	4	15	24	34.0
	MIN	19	27	35	30	24	24	31	34	29	27	26	24	23	30	40	22	10	20	3	0	11	6	20	20	15	21	25	4	-03	-02	14	19.5
GALVA	MAX	29	35	37	40	37	43	54	54	45	35	33	32	35	41	59	54	23	31	27	25	31	24	36	38	25	30	37	35	19	17	26	35.1
	MIN	12	20	33	35	23	22	33	31	28	25	25	26	21	22	31	20	8	14	5	-08	20	-07	12	16	12	18	18	9	-06	-08	4	16.5
GOLCONDA DAM 51	MAX	34	40	54	60	44	46	60	60	54	48	43	39	48	48	66	60	36	63	38	37	42	43	63	64	36	38	60	46	20	21	29	46.8
	MIN	26	30	38	44	30	26	33	42	46	36	37	33	34	42	46	35	24	27	20	18	34	33	35	34	32	32	34	18	9	8	11	30.4
GREENVILLE	MAX	31	40	50	54	46	47	61	57	52	40	37	34	41	43	66	62	27	33	36	29	36	34	45	50	30	31	47	43	16	19	29	40.8
	MIN	23	26	37	43	25	28	31	37	36	33	33	30	27	33	40	27	17	19	16	9	24	19	28	30	23	27	28	16	2	2	12	25.1
GRIGGSVILLE	MAX	27	42	48	49	38	47	58	58	54	32	32	32	34	37	67	55	28	28	26	23	34	29	40	40	22	26	33	34	9	14	26	36.2
	MIN	21	24	33	35	23	23	33	43	24	23	29	25	24	29	35	21	12	18	7	-01	20	9	23	19	14	16	24	9	-03	-05	8	19.7
HARRISBURG	MAX	32	41	54	61	46	49	61	64	60	46	43	39	43	48	71	65	38	52	42	38	40	39	63	65	42	37	63	59	24	20	32	47.6
	MIN	27	30	40	46	31	30	36	43	44	39	39	34	34	40	45	38	23	24	26	18	30	33	33	40	31	32	35	23	9	6	11	31.2
HAVANA	MAX	30	43	43	48	42	45	56	56	51	33	32	32	33	33	65	60	24	32	30	26	33	28	39	40	25	27	35	33	13	13	26	36.3
	MIN	20	27	35	41	22	23	33	33	30	29	29	27	23	28	32	22	11	18	8	-02	21	5	20	22	17	20	25	13	-01	-04	9	20.4
HENRY	MAX	30	37	37	42	37	44	56	57	43	31	29	28	33	43	62	55	23	30	30	23	30	27	33	36	25	30	32	36	15	15	26	34.7
	MIN	11	22	34	37	24	23	35	32	31	29	26	25	22	22	30	21	13	16	1	-02	20	-01	18	21	18	23	22	12	-02	-04	9	18.8
HILLSBORO	MAX	30	40	48	53	45	47	58	57	53	38	37	34	42	41	66	62	33	33	33	29	36	34	42	47	30	30	39	45	16	16	29	40.1
	MIN	23	27	36	43	25	28	34	42	32	32	32	32	27	33	36	32	16	19	15	10	25	19	28	28	22	26	27	15	2	-02	13	25.0
HOOPESTON	MAX	33	36	39	52	51	41	51	55	46	36	33	31	33	33	64	58	29	38	42	29	36	34	42	43	31	32	37	44	20	16	25	38.4
	MIN	16	23	33	38	27	24	33	34	35	33	29	26	25	23	30	29	17	19	15	8	25	12	27	29	24	29	28	20	1	-03	12	23.2
JACKSONVILLE	MAX	29	44	46	49	45	48	61	58	49	33	33	32	35	38	67	59	27	32	32	25	33	30	41	43	25	28	34	37	11	15	29	37.7
	MIN	22	26	35	45	23	25	32	34	30	29	32	28	25	32	38	27	12	22	10	3	23	13	24	25	18	20	25	11	0	-04	9	22.3
JOLIET WB AIRPORT	MAX	32	34	38	42	37	40	49	52	38	34	33	31	31	42	62	55	22	34	26	25	32	27	37	36	30	30	38	34	8	14	23	34.4
	MIN	12	22	33	37	22	24	33	30	31	32	28	23	23	19	32	22	16	17	1	1	13	5	27	22	23	27	27	8	-04	-04	11	19.7
KANKAKEE	MAX	29	34	39	48	45	39	49	52	44	35	34	31	31	38	63	58	27	34	34	27	34	32	38	40	31	31	34	33	20	13	24	36.2
	MIN	13	22	31	37	28	23	33	32	34	32	27	26	24	20	29	26	17	19	9	5	25	10	24	27	23	28	28	19	-01	-03	10	21.7

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KANKAKEE 4 W	MAX	28	35	38	45	45	39	50	51	47	35	33	30	31	38	62	58	28	32	33	27	33	31	37	39	30	31	33	39	21	14	24	36.0
	MIN	11	20	31	36	26	23	32	32	34	32	27	25	23	18	29	28	17	18	10	5	25	9	24	27	23	28	27	20	-01	-04	9	21.3
KEWANEE	MAX	21	35	36	40	38	42	53	53	41	30	28	30	34	38	56	54	21	28	25	27	29	20	37	37	27	27	33	31	5	12	24	32.6
	MIN	12	20	32	35	23	22	32	32	26	25	25	23	20	22	34	18	10		0	-08	10	-04	20	17	13	16	18	5	-05	-08	2	16.2
LA HARPE	MAX	27	41	42	45	40	45	55	59	50	33	35	34	37	35	61	56	23	26	24	20	30	22	38	36	20	27	33	32	9	14	22	34.5
	MIN	20	25	35	38	24	22	32	35	23	22	25	26	22	25	31	21	9	15	1	-10	19	-05	17	19	13	16	20	9	-04	-07	5	17.4
LA SALLE	MAX	28	36	38	42	39	43	53	54	41	34	32	31	34	41	60	56	22	33	33	24	32	22	36	36	27	28	33	37	14	15	25	34.8
	MIN	13	23	33	37	26	24	35	35	32	30	28	26	23	22	32	22	15	17	4	-02	22	1	16	22	19	24	22	14	-02	-04	10	19.9
LINCOLN	MAX	31	40	42	48	43	45	56	56	47	35	32	30	33	34	65	60	25	32	32	26	35	29	41	42	28	29	41	40	12	14	26	37.1
	MIN	20	27	35	41	25	24	33	36	31	31	30	28	25	31	34	24	13	21	8	4	25	10	24	24	20	23	27	12	0	-03	12	22.3
MARENGO	MAX	28	35	37	38	38	38	48	50	41	31	31	30	36	42	52	52	24	32	33	21	30	18	35	36	29	30	32	33	11	5	23	32.9
	MIN	10	21	23	35	19	19	32	27	31	26	25	22	19	21	29	22	7	13	0	-13	17	-06	7	23	21	25	26	11	-07	-09	-01	15.9
MARSEILLES LOCK	MAX	28	35	35	38	41	30	42	50	50	39	32	31	31	31	61	60	37	24	33	13	26	31	29	37	35	28	28	36	28	3	15	33.5
	MIN	13	14	25	35	26	24	29	35	34	32	28	27	21	20	20	35	16	16	10	0	4	4	5	29	20	22	24	28	-01	-04	0	19.0
MATTOON	MAX	30	36	46	54	42	43	56	53	48	36	35	31	34	37	62	54	23	35	28	29	35	32	44	46	31	31	50	35	10	16	25	37.6
	MIN	25	27	34	42	29	27	34	37	34	34	30	28	27	32	37	23	16	19	12	11	26	18	31	28	25	29	29	10	0	-02	13	24.6
MC LEANSBORO	MAX	43	40	53	59	48	48	61	63	59	44	44	40	41	47	70	67	36	43	43	38	40	39	55	65	40	36	59	60	28	21	30	47.1
	MIN	22	28	37	46	31	28	32	46	42	38	38	33	32	37	44	36	22	23	25	15	30	32	31	40	31	32	33	24	7	3	12	30.0
MOLINE WB AIRPORT	MAX	24	34	38	39	29	43	54	52	38	29	27	27	35	39	56	48	21	25	22	26	30	19	37	36	21	25	33	31	-01	11	20	31.2
	MIN	9	24	34	29	21	23	34	34	26	23	25	24	23	22	34	14	8	16	-14	-15	3	-08	19	13	13	17	18	-01	-07	-08	6	14.7
MONMOUTH	MAX	30	37	40	44	34	40	50	55	39	30	28	29	37	42	56	36	24	25		12	29	29	38	36	22	24	34	32	11	10	23	32.4
	MIN	16	25	34	33	22	21	32	30	26	25	25	25	21	23	29	19	1	14	2	-11	11	-04	22	16	11	15	18	11	-05	-07	8	16.3
MORRIS 3 NE	MAX	29	35	38	42	42	40	51	52	46	36	33	31	31	41	63	59	28	33	33	24	32	29	34	37	28	30	33	37	20	16	23	35.7
	MIN	10	20	31	35	27	23	33	30	32	31	29	27	20	20	29	27	15	15	5	-02	22	1	17	27	21	27	25	20	-02	-04	8	19.9
MORRISON	MAX	28	34	37	38	38	40	53	51	40	31	29	29	39	41	51	51	23	27	26	20	31	18	35	33	24	27	33	35	9	15	24	32.6
	MIN	2	16	25	33	18	17	30	28	27	21	21	20	14	15	28	17	10	12	-02	-18	8	-10	10	16	13	18	14	9	-09	-09	2	12.7
MORRISONVILLE 1 E	MAX	30	40	48	52	48	45	55	56	51	37	35	33	40	39	65	62	30	33	33	28	35	34	42	43	28	30	45	45	12	15	27	39.2
	MIN	19	23	31	43	22	23	28	33	29	28	28	26	23	28	34	25	17	16	13	4	21	13	24	23	19	21	24	9	-02	-06	8	20.8
MT CARMEL	MAX	32	40	52	60	59	48	60	60	62	50	48	47	42	45	68	62	38	60	56	38	40	39	58	62	38	38	60	58	24	24	30	48.3
	MIN	26	27	38	48	32	30	34	45	45	40	36	32	32	35	37	37	22	23	25	17	30	30	32	36	32	33	34	24	8	4	14	29.9
MOUNT CARROLL	MAX	28	34	37	37	37	39	49	49	40	29	29	29	35	41	59	51	22	26	26	18	31	19	35	36	24	26	33	33	10	12	20	32.1
	MIN	5	20	23	34	18	17	32	26	28	22	22	22	17	15	30	18	12	13	1	-20	17	-12	8	18	14	22	13	9	-09	-10	-02	13.5
MT VERNON	MAX	31	40	50	59	59	46	60	60	59	42	39	36	41	48	68	58	31	32	30	37	40	32	54	57	32	33	58	41	18	21	33	43.4
	MIN	20	25	32	39	25	29	27	37	37	32	32	27	26	31	38	31	16	16	15	9	23	26	27	30	24	27	27	15	0	-02	8	24.1
NEW BURNSIDE	MAX	35	42	55	62	45	49	57	62	61	48	43	40	42	48	70	66	38	55	39	38	40	40	63	65	40	36	64	52	22	19	31	47.3
	MIN	26	28	39	43	29	26	31	45	45	37	37	32	33	39	46	35	22	22	23	13	29	31	32	38	30	30	32	20	8	3	9	29.4
OLNEY	MAX	29	39	50	58	49	45	59	58	55	42	39	41	39	42	67	63	32	48	36	34	39	35	55	56	34	35	58	59	18	20	29	44.0
	MIN	25	27	36	47	31	28	34	41	40	38	35	35	30	33	35	32	21	21	19	15	28	29	32	32	30	32	32	18	5	1	15	28.2
OTTAWA	MAX	30	35	37	42	38	42	55	53	40	34	32	31	34	40	60	55	25	33	32	25	31	25	36	36	28	29	33	33	16	14	27	34.9
	MIN	12	22	33	36	24	23	35	32	32	30	28	24	21	23	30	22	15	17	4	-01	23	3	13	21	20	25	23	16	-02	-04	9	19.5
PALESTINE	MAX	37	38	49	58	58	44	59	54	52	41	39	36	38	39	63	60	35	42	37	33	40	35	54	55	35	37	58	56	19	18	30	43.5
	MIN	25	27	36	46	31	28	34	42	39	38	33	32	30	31	37	35	21	23	21	15	27	28	32	33	30	33	32	18	5	1	15	28.2
PANA	MAX	29	39	48	55	43	45	58	57	54	41	33	35	37	40	66	60	29	34	32	31	37	33	45	48	28	33	50	46	17	19	29	40.4
	MIN	23	25	34	43	25	25	32	38	32	31	30	29	26	31	36	27	16	17	12	9	24	17	27	26	22	26	27	12	1	-04	11	23.4
PEORIA WB AIRPORT	MAX	28	39	45	46	32	44	56	55	39	33	31	30	33	35	63	53	22	31	23	26	31	26	38	38	25	27	39	32	3	13	24	34.2
	MIN	17	27	35	31	24	23	31	35	29	29	27	26	23	23	35	17	10	20	0	0	11	2	24	17	16	20	24	3	-04	-04	11	18.7
PONTIAC	MAX	28	37	38	47	42	42	51	53	42	35	33	31	32	36	63	57	26	33	33	26	32	29	39	39	28	29	34	39	17	13	25	35.8
	MIN	14	23	32	37	25	23	33	34	32	31	28	26	24	24	30	25	15	19	9	4	24	6	21	24	19	25	25	16	-01	-03	10	21.0
QUINCY	MAX	26	44	48	48	34	48	58	59	54	31	31	30	34	36	65	56	23	28	22	23	36	28	40	40	19	27	33	33	9	13	24	35.5
	MIN	21	26	36	34	23	23	33	43	24	23	29	26	24	31	35	21	12	19	6	-01	23	8	23	19	14	16	24	9	-01	-04	10	20.2
QUINCY CAA	MAX	27	44	48	48	29	46	57	59	45	31	31	30	34	42	65	45	22	28	21	24	32	25	39	40	19	26	34	34	4	13	22	34.3
	MIN	20	26	35	25	23	23	32	40	24	25	27	25	23	30	42	17	11	20	-01	-03	11	5	25	15	14	16	23	2	-05	-06	12	18.6
RANTOUL CHANUTE AF BASE	MAX	31	37	40	50	40	42	52	54	45	36	32	31	34	33	63	56	24	34	27	27	36	32	42	42	32	34	43	35	18	16	24	36.8
	MIN	18	26	35	40	27	25	35	36	34	32	29	28	26	29	33	23	16	20	8	7	23	14	28	26	23	26	29	10	-02	-02	14	23.0
ROBERTS 3 N	MAX	32	36	39	51	50	40	50	52	42	35	33	30	32	33	62	58	31	35	35	35	34	30	39	39	34	30	34	40	29	16	25	37.4
	MIN	15	23	34	37	25	23	33	33	33	31	27	26	24	23	31	29	15	19	11	6	24	10	25	33	26	27	26	20	-00	-03	10	22.4
ROCKFORD	MAX	32	35	37	38	38	38	49	52	42	30	31	31	37	43	53	52	23	29	29	26	32	23	36	35	30	29	33	33	13	9	22	33.5
	MIN	8	20	26	34	18	17	32	27	27	26	23	24	19	18	29	21	15	14	1	-13	17	-06	6	20	19	24	24	12	-09	-09	2	15.6
ROCKFORD CAA	MAX	29	36	36	38	36	37	47	49	40	30	30	29	34	40	54	52	25	29	28	25	30	20	35	40	29	28	33	33	0	12	20	32.4
	MIN	8	20	31	34	18	18	31	28	24	23	23	17	18	15	28	19	15	15	-18	-22	-02	-16	4	19	19	24	25	-01	-10	-10	-02	12.6
RUSHVILLE	MAX	28	43	45	48	42	47	58	59	44	32	32	32	33	34	67	35	32	32	30	23	33	25	40	38	22	29	34	34	10	16	25	35.5
	MIN	23	23	35	40	22	26	32	38	22	27	30	26	23	30	28	23	11	20	7	1	22	4	21	21	16	18	24	10	-01	-04	10	20.2
SPARTA	MAX	34	41	52	55	45	50	64	60	53	39	39	37	46	48	68	63	34	33	33	35	39	36	49	58	33	31	48	45	19	19	31	43.1
	MIN	25	28	38	45	25	26	31	44	39	33	35	31	30	40	44	34	20	19	20	10	26	27	30	33	25	25	28	19	5	1	9	27.2
SPRINGFIELD WB AIRPORT	MAX	30	40	47	51	32	46	57	55	46	36	34	31	37	41	65	52	24	32	25	26	32	29	43	41	28	28	40	32	7	16	26	36.4
	MIN	22	27	36	32	25	24	32	40	30	31	30	26	25	29	41	20	14	23	6	5	19	12	28	22	19	22	27	6	-01	-02	12	21.9
SPRINGFIELD WB CITY	MAX	29	40	47	52	34	46	57	56	48	37	34	33	39	42	65	55	24	33	25	27	34	31	45	45	29	29	40	30	10	17	27	37.4
	MIN	24	27	35	34	26	26	36	42	32	32	31	28	25	32	42	21	15	23	8	7	20	14	30	32	20	24	27	7	2	9	16	23.4
STOCKTON	MAX	27	31	35	35	35	37	45	47	41	26	27	35	39	44	50	50	20	25	24	14	29	19	33	34	25	25	31	31	10	10	16	30.6
	MIN	5	18	23	32	17	14	20	32	25	19	21	16	20	32	29	17	10	11	-03	-16	14	-13	2	15	13	21	11	10	-12	-13	-10	12.6
STCAMORE	MAX	28	34	37	39	38	38	49	49	39	31	30	29	35	43	53	50	22	31	32	23	31	18	35	36	31	30	34	33	8	13	23	33.0
	MIN	5	18	28	33	18	16	31	30	29	25	25	20	19	20	29	20	14	12	-05	-09	12	-05	12	20	19	24	22	5	-07	-08	2	15.2
TABLE GROVE	MAX	27	42	43	46	36	46	56	58	48	30	31	30	32	34	66	56	22	29	25	24	31	23	40	40	30	26	39	35	17	17	27	35.7
	MIN	20	26	34	36	24	43	32	37	27	27	26	26	22	28	33	22	10	14	3	-02	20	2	20	20	15	18	23	17	-02	-03	10	19.6
TUSCOLA	MAX	34	36	44	54	53	46	57	62	56	37	35	32	33	34	64	61	33	35	36	28	37	35	40	43	31	32	38	48	21	19	30	40.1
	MIN	20	26	34	41	27	26	33	36	35	34	31	28	27	31	32	31	17	19	16	10	26	17	29	30	24	29	29	20	2	-04	12	24.7
URBANA	MAX	32	37	44	52	46	43	53	53	49	36	32	31	33	38	64	59	28	36	34	29	36	32	41	41	32	31	46	42	15	14	24	38.2
	MIN	18	25	33	35	26	24	28	34	35	32	30	28	25	25	30	28	15	20	14	7	26	15	29	28	22	24	28	15	0	-03	8	22.6

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
UTICA STARVED ROCK DAM	MAX	31	28	36	38	40	30	43	53	53	37	31	30	30	32	40	62	37	22	32	13	26	30	29	36	35	27	27	34	29	1	15	32.5
	MIN	16	16	25	35	26	24	27	36	33	30	28	27	24	24	24	35	14	14	11	-03	0	2	2	28	19	20	23	26	-03	-04	-03	18.5
VIRDEN	MAX	30	40	46	51	43	47	58	56	49	36	34	33	40	40	65	60	28	32	32	27	34	32	41	43	27	28	35	40	14	16	28	38.2
	MIN	22	26	35	42	24	26	32	39	31	30	32	29	25	32	38	28	13	20	13	7	24	15	27	25	19	23	26	14	1	-02	E	23.3
WALNUT	MAX	25	33	37	40	38	41	52	52	46	35	29	29	34	39	56	55	23	30	30	21	30	24	35	36	25	26	34	35	15	11	22	33.5
	MIN	9	20	30	35	21	21	32	35	29	27	25	24	20	22	30	21	13	16	3	-10	20	-07	11	20	15	21	18	13	-05	-07	4	16.9
WATSEKA	MAX	30	36	38	51	50	39	49	52	46	36	33	31	32	36	63	58	29	33	35	28	36	32	40	41	30	31	35	40	21	14	26	37.1
	MIN	14	22	32	36	27	23	32	34	35	31	27	26	25	23	30	28	17	17	11	7	25	12	25	28	24	28	27	20	1	-03	10	22.3
WAUKEGAN	MAX	28	36	38	41	40	40	50	53	40	35	31	33	36	43	57	55	26	34	33	28	32	22	36	37	34	33	33	34	12	15	23	35.1
	MIN	14	23	31	34	19	17	32	30	31	29	26	25	19	23	29	24	16	13	13	-05	21	-01	12	25	21	28	27	10	-06	-07	0	18.4
WHITE HALL 1 E	MAX	30	44	48	50	43	49	60	58	51	33	33	33	39	40	66	63	33	32	32	26	34	33	40	44	25	27	33	36	15	15	26	38.4
	MIN	22	26	35	42	24	26	31	31	31	29	32	29	25	32	39	32	15	21	12	4	23	13	25	25	18	21	26	15	2	-02	13	23.0
WINDSOR	MAX	32	37	45	54	47	42	56			37	35	32	35	36	63	58	27	34	33	30	38	34	42	47	30	30	40	50	18	17	27	38.1
	MIN	22	22	33	43	26	25	32			33	32	29	26	31	33	27	15	18	17	11	25	18	28	30	24	26	28	18	1	-04	12	23.5

Daily River Stages will not be published in Climatological Data in the future. They will be published annually in the publication "Daily River Stages - Principal Rivers of the United States."

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 4 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
Z	Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
ALBION	0055	EDWARDS	WABASH	38 22	88 03	447	CST		6P		37		MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	MISSISSIPPI	41 12	90 45	739	CST	6P	6P	48	50		J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	KASKASKIA	41 03	90 34	694	CST		MID		9		MUNICIPAL WATER WORKS	3 4
ALTON DAM 26	0137	MADISON	MISSISSIPPI	38 53	90 11	432	CST	MID	7A		5		CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	OHIO	37 28	89 15	629	CST	7P	7P	65	65		J BON HARTLINE	2 3 5
ANNAWAN	0195	HENRY	ROCK	41 24	89 55	620	CST		5P		8		ROBERT J PONT	3
ANTIOCH	0203	LAKE	ILLINOIS	42 29	88 06	770	CST	7P	7P	29	29		ROY I KUFALK	2 3 5
AUGUSTA HIGH SCHOOL	0330	HANCOCK	ILLINOIS	40 14	90 57	680	CST		MID		9		ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	ILLINOIS	41 45	88 20	744	CST	8P	8P	69	79		PHY'S DEPT AURORA COL	2 3 5
BARRY	0445	PIKE	MISSISSIPPI	39 42	91 02	740	CST		5P		8		GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	ILLINOIS	40 01	90 26	444	CST		7A		48		MATTHEW W DART	1
BEARDSTOWN LAGRANGE DAM	0497	BROWN	ILLINOIS	39 56	90 32	434	CST		MID		9		CORPS OF ENGINEERS	2 3 4
BELLEVILLE SCOTT A F BASE	0510	ST CLAIR	KASKASKIA	38 32	89 51	444	CST	MID	MID	26	26		US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	ROCK	42 16	88 52	778	CST		MID		8		EDGAR F BRUNS	2 3 4
BENTLEY	0598	HANCOCK	MISSISSIPPI	40 20	91 07	671	CST		6P				ROY H GIBBONS	2 3
BENTON	0608	FRANKLIN	MISSISSIPPI	38 00	88 55	474	CST		6P		46		BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	ILLINOIS	40 30	89 00	830	CST	6P	6P	56	58		HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	ILLINOIS	39 45	90 33	467	CST		10P		9		HUGH MOORE	1
BRADFORD CAA	0873	BUREAU	ILLINOIS	41 13	89 37	795	CST		1A		7		CAA	3 4
BROOKPORT DAM 52	0993	MASSAC	OHIO	37 08	88 39	335	CST		6A		23		CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	MISSISSIPPI	37 00	89 10	314	CST	MID	MID	77	78		US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	ILLINOIS	40 23	90 20	640	CST		MID		6		POST ENGR WATER SUPT	3 4
CANTON	1250	FULTON	ILLINOIS	40 34	90 02	655	CST		6P		9		FLOYD D HAMMOND	1
CARBONDALE SEWAGE PLANT	1265	JACKSON	MISSISSIPPI	37 43	89 12	420	CST	7P	7A	44	55		HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	ILLINOIS	39 17	89 49	627	CST	6P	6P	58	58		HENRY B HOELTING	2 3 5
CARLYLE	1288	CLINTON	KASKASKIA	38 36	89 22	461	CST	7P	7P	11	31		THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	WABASH	38 05	88 10	399	CST		8P		26		J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	MISSISSIPPI	38 53	89 54	520	CST		MID		11		US SOIL CONS SERVICE	3 4
CASEY	1329	CLARK	WABASH	39 18	88 00	648	CST		6P		60		WALTER A NEWLIN	3
CENTRALIA 3 N	1386	MARION	KASKASKIA	38 34	89 08	498	CST		6P		26		HOBART G STEPHENSONJR	3
CHANDLERVILLE	1412	CASS	ILLINOIS	40 03	90 09	464	CST		6P		9		W D UPP	3
CHANNAHON DRESDEN ISLAND	1420	GRUNDY	ILLINOIS	41 25	88 17	510	CST		7A		8		CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	WABASH	39 30	88 11	686	CST	6P	6P	58	69		WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	ILLINOIS	40 44	88 44	713	CST		MID		4		MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	MISSISSIPPI	37 54	89 50	381	CST		7A		58		MRS LIZZIE NOVACK	3
CHICAGO CAL TREATMENT WORKS	1522	COOK	LAKE MICHIGAN	41 40	87 36	593	CST		MID		12		CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	LAKE MICHIGAN	41 30	87 38	634	CST		7P		9		ALFRED J COOPER	3
CHICAGO LAKEVIEW PUMPING	1532	COOK	LAKE MICHIGAN	41 58	87 40	651	CST		MID		16		CTY ENGR WATER PURI	3 4
CHICAGO LOYOLA UNIVERSITY	1537	COOK	LAKE MICHIGAN	42 00	87 40	592	CST		MID		16		CHGO SANITARY DIST	3 4
CHICAGO MAYFAIR PUMPING STA	1542	COOK	LAKE MICHIGAN	41 58	87 45	647	CST		MID		23		CTY ENGR WATER PURI	3 4
CHICAGO N BRANCH PUMP STA	1547	COOK	LAKE MICHIGAN	41 58	87 42	595	CST		MID		16		CHGO SANITARY DIST	3 4
CHICAGO ROSELAND PUMPING	1552	COOK	LAKE MICHIGAN	41 42	87 38	659	CST		MID		23		CTY ENGR WATER PURI	3 4
CHICAGO SAN DIST DISPATCHING	1557	COOK	LAKE MICHIGAN	41 50	87 42	602	CST		MID		18		CHGO SANITARY DIST	3 4
CHICAGO SAN DIST OFFICE	1562	COOK	LAKE MICHIGAN	41 52	87 38	898	CST		MID		23		CHGO SANITARY DIST	3 4
CHICAGO S FILTER PL	1564	COOK	LAKE MICHIGAN	41 45	87 33		CST		MID				CTY ENGR WATER PURI	3 4
CHICAGO SPRINGFIELD PUMPING	1567	COOK	LAKE MICHIGAN	41 55	87 44	630	CST		MID		23		CTY ENGR WATER PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	LAKE MICHIGAN	41 47	87 36	594	CST	MID	MID	77	78		UNIVERSITY OF CHICAGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	LAKE MICHIGAN	41 47	87 44	623	CST	MID	MID	21	21		US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	LAKE MICHIGAN	41 53	87 38	823	CST	MID	MID	79	79		US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	ILLINOIS	40 55	89 29	490	CST		6P		9		DAVID H DUGAN	3
CICERO	1648	COOK	LAKE MICHIGAN	41 51	87 46	608	CST	7P	7P	15	15		GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	WABASH	38 31	88 24		CST		MID		9		PURE OIL COMPANY	3 4
CLINTON	1743	DE WITT	ILLINOIS	40 09	88 58	746	CST		6P		39		CHARLES T SPRAGUE	3
COLLINSVILLE	1825	MADISON	MISSISSIPPI	38 40	89 59	500	CST		MID		11		NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	MISSISSIPPI	38 11	89 36	545	CST		MID		9		HARLEY L ISOM	3 4
CRETE	2011	WILL	LAKE MICHIGAN	41 27	87 38	675	CST		MID		7		VILLAGE OF CRETE	3 4
CULLOM	2060	LIVINGSTON	ILLINOIS	40 53	88 16	689	CST		MID		3		LEWIS A DIBERT	CLOSED
DANVILLE	2140	VERMILION	WABASH	40 08	87 38	602	CST	7P	7P	45	49		E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	2145	VERMILION	WABASH	40 06	87 36		CST		7A				BEN BURT	2 3
DANVILLE WATER WORKS	2150	VERMILION	WABASH	40 08	87 39	555	CST		MID		7		KENNETH A BIDLE	2 3 4
DECATUR	2193	MACON	ILLINOIS	39 51	88 57	682	CST	7P	7P	56	61		W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	ILLINOIS	42 03	87 55	704	CST		4P		9		GEORGE A HONEMANN	3
DIONA	2330	COLES	WABASH	39 22	88 08	660	CST		MID		5		MAURICE L REED	3 4
DIXON	2348	LEE	ROCK	41 50	89 29	696	CST	6P	6P	58	59		PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	ILLINOIS	40 47	90 05	650	CST		MID		4		C A PROCTOR	3 4
DOWNS 2 NE	2417	MC LEAN	ILLINOIS	40 25	88 51	794	CST		MID		9		ADA A DEVINE	2 3 4
DU QUOIN	2483	PERRY	MISSISSIPPI	38 01	89 14	468	CST	6P	6P	57	60		G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	ILLINOIS	41 06	88 25	641	CST		6P		47		J FRANK ZIEGLER	3
DWIGHT STATE REFORMATORY	2502	LIVINGSTON	ILLINOIS	41 05	88 28	641	CST		MID		9		STATE REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	MISSISSIPPI	38 37	90 07	413	CST	7P	1A	7	7		UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	MISSISSIPPI	38 49	89 58	554	CST		6P		50		ARTHUR W JAGGERS	3
EFFINGHAM CAA	2687	EFFINGHAM	WABASH	39 09	88 32	612	CST	MID	MID	49	51		CAA	2 3 4 5
ELGIN	2736	KANE	ILLINOIS	42 02	88 17	729	CST		7P		42		W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	OHIO	37 26	88 18	357	CST		5P		7		US FOREST RANGER	1
ELSAH	2800	JERSEY	MISSISSIPPI	38 57	90 22	429	CST		5P		5		THE PRINCIPIA COLLEGE	3
EVANSTON PUMPING STATION	2888	COOK	LAKE MICHIGAN	42 02	87 41	625	CST		MID		21		CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	ILLINOIS	40 44	88 32	691	CST		MID		8		DEPT OF WATER WORKS	3 4
FAIRFIELD	2931	WAYNE	WABASH	38 23	88 22	451	CST	6P	6P	55	59		H D WILLARD	2 3 5
FAIRVIEW	2958	FULTON	ILLINOIS	40 38	90 10	733	CST		7P		37		IVAN L MAHR	CLOSED
FARMER CITY	2993	DE WITT	ILLINOIS	40 14	88 38	732	CST		MID		9		ROY NEAL	3 4
FLORA	3109	CLAY	WABASH	38 40	88 29	490	CST	6P	6P	59	75		A C MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	ROCK	42 18	89 37	762	CST	7P	7P	43	44		JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	ROCK	42 17	89 36	751	CST		7A		8		SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	MISSISSIPPI	41 54	90 09	592	CST	7P	8A	7	13		CORPS OF ENGINEERS	2 3 4 5
GALATIA	3304	SALINE	OHIO	37 51	88 37	410	CST		MID		8		JOSEPHINE HARRIS	3 4

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION ZONE	TIME OF OBSERVATION TEMP.	TIME OF OBSERVATION PRECIP.	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OBSERVER	REFER TO TABLES
GALENA	3312	JO DAVIESS	MISSISSIPPI	42 25	90 26	603	CST		6P		29		ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	ILLINOIS	40 57	90 22	780	CST	MID	5P		54		JAMES BARRETT	2 3 5
GALVA	3335	HENRY	ILLINOIS	41 10	90 02	849	CST	6P	6P	56	73		ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	ROCK	41 27	90 09	639	CST		6P		51		MRS MYRTLE J BESSANT	3
GIBSON CITY	3413	FORD	ILLINOIS	40 28	88 23	753	CST		6P		15		EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	MISSISSIPPI	40 50	91 04	538	CST		8A		13		CORPS OF ENGINEERS	[illegible]
GLENDALE EXP FARM	3482	POPE	OHIO	37 26	88 40	500	CST		MID		12		US SOIL CONS SERVICE	3 4
GOLCONDA DAM 51	3522	POPE	OHIO	37 22	88 29	354	CST	MID	6A	45	68		CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	ILLINOIS	40 06	91 01	725	CST		6P		60		G W NETHERY	3
GRAFTON	3572	JERSEY	MISSISSIPPI	38 58	90 26	446	CST		7A		53		JOHN A DE SHERLIA	[illegible]
GRAND CHAIN DAM 53	3580	PULASKI	OHIO	37 12	89 02	380	CST		6A		25		CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	MISSISSIPPI	37 40	89 30	367	CST		3P		9		JOHN A DICKSON	3
GREENFIELD	3666	GREENE	ILLINOIS	39 20	90 12	556	CST		MID		5		FRED S PEWTER	3 [illegible]
GREENUP	3683	CUMBERLAND	WABASH	39 15	88 10	554	CST		4P		7		ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	KASKASKIA	38 51	89 24	563	CST	7P	7P	60	66		DEANE J MC ALISTER	2 3 5
GRIDLEY	3709	MC LEAN	ILLINOIS	40 45	88 53	752	CST		6P		9		EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	ILLINOIS	39 43	90 44	685	CST	6P	6P	62	67		MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	ILLINOIS	39 09	90 37	700	CST		6P		9		A B CAMPBELL	3
HARRISBURG	3879	SALINE	OHIO	37 44	88 32	366	CST	6P	6P	51	51		JAMES R HUNTER	2 3 5
HARRISBURG HIWAY 13 BR	3884	SALINE	OHIO	37 44	88 30		CST		6A				J S NELSON	3
HAVANA	3930	MASON	ILLINOIS	40 18	90 03	451	CST	7P	7P	57	64		L L EUTENEUER	2 3 [illegible]
HAVANA #2	3940	MASON	ILLINOIS	40 18	90 04		CST		7A				T ALTHISER	3
HENRY	4017	MARSHALL	ILLINOIS	41 07	89 22	491	CST	7P	7P	60	70		C HADDON PERDEW	2 3 5
HILLSBORO	4108	MONTGOMERY	KASKASKIA	39 09	89 29	626	CST	6P	6P	53	54		H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	WABASH	40 28	87 41	717	CST	6P	6P	47	47		CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	ILLINOIS	40 40	88 56	740	CST		MID		8		ILL STATE WATER SUR	3 4
HUTSONVILLE	4312	CRAWFORD	WABASH	39 07	87 40		CST		MID		8		ED S DRY	3 4
HUTSONVILLE POWER PLANT	4317	CRAWFORD	WABASH	39 06	87 40		CST		7A				ILL PUBLIC SERVICE CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	MISSISSIPPI	41 25	91 01	554	CST		8A		13		CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	ILLINOIS	39 44	90 14	607	CST	6P	6P	55	56		NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEWAGE PLANT	4447	MORGAN	ILLINOIS	39 44	90 14	575	CST		MID		9		MUNICIPAL SEWAGE TR	3 4
JERSEYVILLE	4489	JERSEY	ILLINOIS	39 07	90 20	635	CST	5P	5P	6	6		JOSEPH A ARNOLD	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	ILLINOIS	41 30	88 06	543	CST		7A		58		CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	ILLINOIS	41 30	88 10	584	CST	MID	MID	7	8		US WEATHER BUREAU	2 3 5
KANKAKEE	4593	KANKAKEE	ILLINOIS	41 07	87 52	631	CST	7P	7P	35	38		KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	4598	KANKAKEE	ILLINOIS	41 08	87 56		CST		6P		8		M A DURAND	3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	ILLINOIS	41 08	87 53	642	CST		MID		9		MUNICIPAL SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	MISSISSIPPI	41 06	90 57	540	CST		8A		18		ALFRED M NORRIS	3
KEWANEE	4710	HENRY	ILLINOIS	41 14	89 55	853	CST	6P	6P	9	9		CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	ILLINOIS	41 15	89 54	800	CST		MID		9		BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	ILLINOIS	40 47	89 45		CST		9A		4		MR BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	ILLINOIS	40 35	90 58	691	CST	6P	6P	54	54		KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	MISSISSIPPI	42 06	89 50	883	CST		MID		10		WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	ILLINOIS	41 20	89 06	522	CST	7P	3P	44	48		WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	ILLINOIS	40 58	89 38	828	CST		MID		6		HENRY H LUKEHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	WABASH	38 40	87 41	472	CST		6P		7		FRANK BRAY	3
LE ROY	5036	MC LEAN	ILLINOIS	40 21	88 46	780	CST		7P		13		O J LERE	3
LINCOLN	5079	LOGAN	ILLINOIS	40 09	89 22	591	CST	7P	7P	61	61		JOHN ZURKAMMER JR	2 3 5
LINCOLN #2	5084	LOGAN	ILLINOIS	40 09	89 21	600	CST		7A				GEORGE H SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	ILLINOIS	41 34	88 05	585	CST		MID		[illegible]		CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	ILLINOIS	41 34	88 05		CST		MID		8		CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	WABASH	38 46	88 30	480	CST		MID		9		CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	ILLINOIS	40 32	89 21	646	CST		6P		9		T L HAENSEL	3
MACOMB	5280	MC DONOUGH	ILLINOIS	40 28	90 40	702	CST		6P		44		W S NEWELL	3
MARENGO	5326	MC HENRY	ROCK	42 15	88 36	819	CST	6P	6P	88	94		FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	ILLINOIS	40 30	90 24	546	CST		MID		9		JOSEPH ACE MC LANCE	3 4
MARION	5342	WILLIAMSON	MISSISSIPPI	37 44	88 55	448	CST		5P		7		CLARENCE N DANIELSON	3
MAROA SEWAGE PLANT	5364	MACON	ILLINOIS	40 03	88 57	722	CST		MID		9		MUNICIPAL DISPOSAL PL	3 4
MARSEILLES LOCK	5372	LA SALLE	ILLINOIS	41 20	88 45	486	CST		7A		8		CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	WABASH	39 23	87 43	606	CST		6P		9		E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	KASKASKIA	38 29	89 48	425	CST		SS		67		DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	ILLINOIS	40 12	89 42	581	CST		MID		9		HARRY L AGNEW	3 4
MATTOON	5430	COLES	WABASH	39 28	88 21	718	CST	MID	MID				CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	ILLINOIS	42 21	88 16	750	CST		MID		10		FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	ILLINOIS	42 19	88 15	742	CST		6P		[illegible]		JOHN J BARNINGS	[illegible]
MC LEANSBORO	5515	HAMILTON	OHIO	38 05	88 32	500	CST	6P	6P	65	67		F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	ILLINOIS	39 10	90 08	622	CST		7P		7		M F DODGE	3
MINONK	5712	WOODFORD	ILLINOIS	40 54	89 02	751	CST	7P	7P	55	55		JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	ROCK	41 27	90 31	589	CST	MID	MID	16	18		US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	MISSISSIPPI	40 54	90 39	763	CST	6P	6P	56	56		DE KALB AGR ASSN INC	2 3 5
MONTICELLO	5791	PIATT	ILLINOIS	40 02	88 34	659	CST		4P		7		GEORGE ALLEN	3
MORRIS	5820	PIATT	ILLINOIS	41 21	88 26		CST		7A				ROY WEBB	3
MORRIS 3 NE	5825	GUNDY	ILLINOIS	41 24	88 22	549	CST	6P	6P	37	37		DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	ROCK	41 29	89 58	670	CST	7P	7P	53	53		RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	ILLINOIS	39 25	89 27	638	CST		MID				FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	ILLINOIS	39 25	89 26	638	CST	7P	7P	52	53		JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	WABASH	38 25	87 46	465	CST	6P	7A	46	66		J H BRINES	2 3 5
MOUNT CARMEL WATER WORKS	5893	WABASH	WABASH	38 25	87 45	424	CST		MID		9		MT CARMEL WATER WKS	3 4
MOUNT CARROLL	5901	CARROLL	MISSISSIPPI	42 05	89 58	817	CST	7P	7P	59	59		JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	MISSISSIPPI	39 04	89 43	681	CST		6P		19		HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	ILLINOIS	40 00	89 17	687	CST		5P		19		ALVA BROWN	3
MOUNT STERLING	5935	BROWN	ILLINOIS	39 59	90 46	711	CST		7P		6		F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	MISSISSIPPI	38 19	88 54	463	CST	7P	7P	53	54		LAWRENCE COLLINS	2 3 5
MOUNT VERNON AIRPORT	5948	JEFFERSON	MISSISSIPPI	38 19	88 52		CST	MID	MID				US AIRWAY OBSERVER	CLOSED
MURPHYSBORO WATER WORKS	5983	JACKSON	MISSISSIPPI	37 46	89 19	420	CST		MID		[illegible]		MURPHYSBORO WATER CO	3 [illegible]

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
NASHVILLE 3 NW	6011	WASHINGTON	KASKASKIA	38 23	89 25	505	CST		6P		48		R E SCHLEIFER	2 3
NEWARK 7 E	6069	KENDALL	ILLINOIS	41 32	88 27	707	CST		6P		8		WARREN S GRAY	2 3
NEW BOSTON DAM 17	6080	MERCER	MISSISSIPPI	41 11	91 03	548	CST		8A		13		CORPS OF ENGINEERS	2 3
NEW BOSTON 2 NW	6085	MERCER	MISSISSIPPI	41 11	91 01		CST		7A				MORRIS W BLAIR	2 3
NEW BURNSIDE	6093	JOHNSON	OHIO	37 33	88 46	560	CST	7P	7P	54	54		MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	WABASH	39 00	88 10	513	CST	6P	6P	5	28		C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	WABASH	38 44	88 05	481	CST	7P	7P	61	62		CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	ROCK	42 01	89 20	702	CST		6P		43		LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	ILLINOIS	41 22	88 50	474	CST	7P	7P	61	76		JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	WABASH	39 00	87 37	514	CST	7P	7P	66	67		H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	KASKASKIA	39 23	89 05	696	CST	7P	7P	59	62		C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	WABASH	39 37	87 41	735	CST		MID		8		CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	WABASH	39 38	87 42	739	CST	7P	7P	57	59		CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	ILLINOIS	41 41	88 59	928	CST		5P		36		W A WOODS	3
PAYSON	6670	ADAMS	MISSISSIPPI	39 49	91 14	640	CST		6A				EDITH A ROBBINS	3
PEORIA FRANKLIN ST BR	6701	PEORIA	ILLINOIS	40 40	89 36		CST						US WEATHER BUREAU	
PEORIA LOCK AND DAM	6706	PEORIA	ILLINOIS	40 37	89 39	445	CST		MID		9		CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	ILLINOIS	40 40	89 41	654	CST	MID	MID	9	9		US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	ILLINOIS	41 20	87 48	722	CST		2P		9		MISS MINA CUTI	3
PERU	6751	LA SALLE	ILLINOIS	41 21	89 08		CST		7A				JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	ILLINOIS	40 01	89 51	524	CST		4P		9		CLINTON HOLLIS	3
PITTSFIELD WATER WORKS	6833	PIKE	MISSISSIPPI	39 39	90 48	724	CST		MID		9		RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	MISSISSIPPI	39 27	90 50	540	CST		6P		12		LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	ILLINOIS	40 53	88 37	647	CST	6P	6P	50	51		ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	MISSISSIPPI	38 05	90 06	390	CST		MID		9		MRS WALDO W GODEIR	3 4
PRINCETON 1 S	6996	BUREAU	ILLINOIS	41 21	89 28	700	CST		MID		7		MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	ILLINOIS	40 57	89 47	745	CST		6P		20		FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	ROCK	41 39	89 56	625	CST		MID		6		ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	MISSISSIPPI	39 57	91 24	601	CST	7P	7P	37	43		A H GIBSON	2 3 5
QUINCY CAA	7072	ADAMS	MISSISSIPPI	39 56	91 13		CST	MID	MID		5		CAA	3 4 5
QUINCY DAM 21	7077	ADAMS	MISSISSIPPI	39 54	91 26	483	CST		8A		13		CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	MISSISSIPPI	39 56	91 25		CST		7A				MELVIN F BRINKDETTER	3
RANTOUL CHANUTE A F BASE	7150	CHAMPAIGN	WABASH	40 20	88 10	744	CST	MID	MID		30		US AIR FORCE	2 3 4 5
RED BUD	7157	RANDOLPH	KASKASKIA	38 13	90 00	444	CST		6P				DR H L LE SAULNIER	3
RICHVIEW	7244	WASHINGTON	KASKASKIA	38 22	89 11	544	CST		MID		9		MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	WABASH	40 40	88 11	786	CST	7P	7P	14	38		R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	ROCK	41 55	89 04	798	CST		3P		25		CALIFORNIA PEG CORP	3
ROCKFORD	7375	WINNEBAGO	ROCK	42 15	89 05	720	CST	6P	6P	59	76		F W KNOWLTON	2 3 5
ROCKFORD CAA	7380	WINNEBAGO	ROCK	42 21	89 03	743	CST	MID	MID	6	6		CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	MISSISSIPPI	41 31	90 34	568	CST		8A		28		CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	MISSISSIPPI	39 32	91 00	470	CST		6P				HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	ILLINOIS	40 07	90 34	683	CST	6P	6P	56	58		GAIN BROS GREENHOUSE	2 3 5
STE MARIE MISSION HSE	7603	JASPER	WABASH	38 56	88 01		CST		7A				J DE PALMA	3
SALEM	7636	MARION	KASKASKIA	38 37	88 57	544	CST		5P		34		FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	OHIO	37 43	88 10	350	CST		6A		39		JAKE H STEWART	3
SIDELL	7952	VERMILION	WABASH	39 55	87 49		CST		7A				GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	LAKE MICHIGAN	42 01	87 43	600	CST		MID		23		CHICAGO SANITARY DIST	3 4
SPARTA	8147	RANDOLPH	MISSISSIPPI	38 08	89 42	538	CST	6P	6P	62	62		HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	ILLINOIS	39 50	89 40	587	CST	MID	MID	13	13		US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	ILLINOIS	39 48	89 39	598	CST	MID	MID	69	69		US WEATHER BUREAU	2 3 4 5
STICKNEY W SIDE TREAT WKS	8278	COOK	ILLINOIS	41 19	87 46	636	CST		MID		21		CHICAGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	MISSISSIPPI	42 21	90 00	1000	CST	5P	5P		5		E A CURTISS	2 3 5
STREATOR	8353	LA SALLE	ILLINOIS	41 07	88 50	625	CST		7P		45		H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	KASKASKIA	39 34	88 37	686	CST		MID		23		A B FULTZ	3 4
SYCAMORE	8452	DE KALB	ROCK	41 59	88 41	840	CST	8P	8P	68	68		FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	ILLINOIS	40 22	90 26	734	CST	7P	7P	7	8		C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	ILLINOIS	39 33	89 18	634	CST		6P		8		JOHN W COALE	3
TISKILWA 1 N	8604	BUREAU	ILLINOIS	41 18	89 30	512	CST		6P		65		CHARLES PLASSCHAART	3
TOULON	8630	STARK	ILLINOIS	41 06	89 52	752	CST		4P		7		ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	WABASH	39 48	88 17	653	CST	6P	6P		56		PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	WABASH	40 08	88 13	743	CST	7P	7P	46	46		UNIVERSITY OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	WABASH	40 06	88 15		CST		MID				US SOIL CONS SERVICE	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	WABASH	40 07	88 13		CST						T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	ILLINOIS	41 19	88 59	464	CST		7A		8		CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	KASKASKIA	38 58	89 07	503	CST		4P		25		ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	ILLINOIS	39 30	89 46	674	CST	6P	6P		8		E M WATKINS	2 3 5
WALNUT	8916	BUREAU	ROCK	41 33	89 35	714	CST	6P	6P	57	57		CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	MISSISSIPPI	40 21	91 26	490	CST		5P		51		CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	ILLINOIS	40 42	89 25	740	CST		MID		8		MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	MISSISSIPPI	38 20	90 09	717	CST		4P		37		E H WOLF	3
WATERMAN	9010	DE KALB	ILLINOIS	41 46	88 45	779	CST		MID		10		WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	ILLINOIS	40 46	87 44	634	CST	7P	7P		58		BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	LAKE MICHIGAN	42 21	87 51	668	CST	7P	7P	26	26		R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	WABASH	38 21	88 35		CST		7A				ROBERT W SANDERS	3
WENONA	9090	MARSHALL	ILLINOIS	41 03	89 03	700	CST		MID		9		LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	MISSISSIPPI	37 52	88 48	480	CST		MID		8		ILL STATE WATER SURVEY	3 4
WHEATON COLLEGE	9221	DU PAGE	ILLINOIS	41 52	88 06	753	CST	6P	6P		21		WHEATON COLLEGE	2 3 5
WHITE HALL 1 E	9241	GREENE	ILLINOIS	39 26	90 23	578	CST	5P	5P	58	80		OSCAR WATT	2 3 5
WILCOX	9274	CLAY	WABASH	38 38	88 18		CST		7A				E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	KASKASKIA	39 26	88 36	685	CST	6P	6P	49	50		MRS HERBERT ROSE	2 3 5

SEE PAGE 17 FOR REFERENCE NOTES

U. S. DEPARTMENT OF COMMERCE
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CLIMATOLOGICAL DATA

ILLINOIS

FEBRUARY 1949

Volume LIV No. 2



CHICAGO: 1949

ILLINOIS - FEBRUARY 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

February 1949 was the fourth successive month with temperatures averaging well above normal. The month had the usual amount of sunshine, approximately one-half of possible.

Precipitation somewhat exceeded normal, although snowfall averaged only about half of the February normal. Most of the month's precipitation occurred between the 12th and 15th. Many stations had a daily measurement exceeding an inch during this period and several southern division stations amounts exceeding 2 inches. Also, numerous localities reported sleet or freezing rain. Surveys indicated that neither the sleet nor freezing rain was sufficiently heavy to be significantly damaging except in localities of the Rock Island--Knox County area. Utility wires were broken, and some automobile and personal accidents occurred, particularly in the Moline and Victoria areas. Damage was estimated at about $2500. Several inches of snow fell over most of the northern and central divisions between the 3d and 6th. Melting of the accumulation of surface moisture during the latter part of February, together with many rather heavy rains between the 12th and 15th and subsequent lighter falls about the 21st, 24th, and 27th, kept surface soil very wet in areas. Resultant run-off developed rather high water in some streams and rivers, the latter applying particularly to the Kaskaskia and Rock rivers.

Temperatures averaged much above normal on the 12th, and readings were consistently above normal from about the 17th through the 24th, with the 18th the warmest day of the month. Cold periods were of but a few days' duration in every instance. Zero temperatures were confined to the fore part of February and ranged from 4-6 mornings in five of the extreme northern tier of counties to 1 or 2 mornings at four stations in the extreme northern part of the central division.

Winter crops came through the month in generally satisfactory condition. There was a little seeding of clover in the extreme south toward the close of the month.

TEMPERATURE

The mean temperature for the State was 32.0°, which was 2.0° above normal. The monthly mean temperature ranged from 21.7° at Freeport to 42.9° at Cairo. The highest temperature recorded in the State was 70° at Elizabethtown on the 14th, and the lowest -15° at Freeport on the 2d.

PRECIPITATION

The average precipitation for the State was 2.63 inches, which is 0.70 inch above normal for February. The total amounts recorded at the various stations ranged from 6.01 inches at Cairo to 1.07 inch at Ste Marie Mission. The heaviest precipitation reported in any one day was 3.12 inches at Grand Chain on the 14th. The monthly average of snowfall was 2.6 inches, or 2.7 inches below normal. The greatest monthly amount was 8.5 inches at Rockford Airport.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 a. E. S. T.	Percent of possible	
CAIRO	30.56	2	29.63	14	9.1	31	SW	14		83	73		59	618
CHICAGO AIRPORT	30.63	2	29.53	14	10.8	29	NW	28	78	78	71	76	48	1039
MOLINE AIRPORT	30.65	2	29.65	8	11.3	34	S	17	76	77	69	73	48	1126
PEORIA AIRPORT	30.64	2	29.66	14	12.8	35	S	11	80	82	74	75	48	1050
SPRINGFIELD AIRPORT	30.62	2	29.66	14	13.5	38	SE	11	82	85	75	76	56	944

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	35.8	78	2	2.87	6.1	9
1891	32.1	72	-13	2.87	2.9	8
1892	35.2	72	- 3	2.77	1.9	10
1893	25.3	62	-19	3.03	7.8	8
1894	26.8	64	-14	2.27	7.5	6
1895	19.5	76	-26	0.61	4.1	4
1896	31.0	76	-18	1.89	7.8	6
1897	32.0	73	-12	2.00	6.1	8
1898	31.4	71	-16	2.05	6.6	9
1899	19.9	69	-29	2.16	5.3	6
1900	24.1	70	-19	4.09	14.7	11
1901	22.8	70	-20	1.63	9.8	6
1902	20.7	62	-16	1.27	3.0	6
1903	28.1	68	-19	2.89	8.9	8
1904	23.4	74	-19	1.55	6.0	6
1905	19.2	68	-32	1.62	12.4	7
1906	28.8	76	-15	2.17	5.7	6
1907	30.3	72	-20	0.51	3.8	4
1908	29.4	65	-13	4.48	12.6	9
1909	34.7	71	- 7	4.16	5.9	10
1910	26.2	68	-24	1.93	8.4	6
1911	34.9	78	- 9	2.28	7.2	8
1912	23.4	68	-24	1.83	12.0	6
1913	26.7	72	-18	1.64	6.9	6
1914	22.3	64	-20	2.40	13.2	8
1915	36.7	70	- 1	2.18	0.7	9
1916	27.5	59	-18	0.94	5.1	6
1917	25.1	78	-20	0.50	2.1	4
1918	31.0	80	-24	1.57	2.0	7
1919	33.0	63	1	1.94	5.1	8
1920	30.1	69	-14	0.64	1.2	5
1921	36.7	77	8	0.81	1.6	5
1922	33.1	75	- 4	1.40	0.6	6
1923	26.2	65	-15	1.40	2.7	8
1924	30.7	70	- 6	1.58	6.5	8
1925	36.3	75	- 8	1.88	2.4	7
1926	35.2	71	2	2.49	3.3	8
1927	38.7	76	4	1.46	2.4	6
1928	33.7	67	- 4	2.19	3.2	9
1929	23.7	61	-30	1.20	6.3	7
1930	40.4	82	- 7	2.00	1.4	7
1931	38.0	72	1	1.31	0.2	7
1932	39.0	83	2	1.37	2.3	6
1933	29.5	74	-26	1.45	5.7	6
1934	26.7	74	-28	0.89	7.7	5
1935	34.0	76	-10	1.46	1.8	7
1936	19.2	73	-24	1.87	7.0	8
1937	29.7	71	- 7	1.50	2.9	7
1938	39.0	78	4	2.41	3.2	9
1939	30.4	71	- 3	3.33	6.5	9
1940	30.9	58	-13	1.67	5.8	9
1941	28.1	66	-10	0.76	3.4	6
1942	28.9	65	- 4	3.36	6.8	10
1943	33.9	75	- 9	1.04	1.9	5
1944	33.7	75	-21	2.43	8.5	8
1945	32.7	81	-14	2.50	4.5	8
1946	34.7	70	- 7	2.08	3.9	6
1947	24.7	67	-15	0.19	2.1	3
1948	30.3	72	-14	2.14	6.5	9
1949	31.9	70	-15	2.63	2.6	8
PERIOD	30.0	83	-32	1.93	5.3	7

Table 2

CLIMATOLOGICAL DATA

Station	Temperature						No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	26.6	0.1	53	18	- 2	[illegible]		27	1.93	.58	1.16	13	3.0	4	6+	6	2	1
ANTIOCH	24.4	1.3	47	18	- 6	2		26	1.94	.48	.71	13	2.3	8	6+	8	2	
AURORA COLLEGE	25.8	0.7	51	18	-10	5		26	2.57	1.01	1.42	13	4.6	4	4+	9	3	1
CHICAGO UNIVERSITY	28.8	2.5	54	18	3	2		23	2.40	- .26	.80	13				9	3	
CHICAGO WB AIRPORT	27.8	2.9	55	18	0	5		24	2.42	.32	.78	13	5.9	4	4	8	5	
CHICAGO WB CITY	29.8	2.4	54	18	5	2		22	2.51	.41	.78	13				9	4	
CICERO	29.0	2.3	56	18	1	2		25	2.51	.85	1.20	13	5.4	3	6+	11	2	1
DIXON	25.7	1.1	50	18	- 5	2		26	1.78	.44	.77	13	4.0	7	6	[illegible]	2	
FREEPORT	21.7	-1.1	46	18	-15	2		28	1.47	.24	.68	13	4.8	4	1+	8	1	
FULTON DAM 13	25.8	2.2	50	18	- 4	2+		27	1.28	- .09	.59	13	4.9	8	7+	9	1	
GALESBURG	27.9		55	18	3	2		26	1.79	.19	1.06	13	3.1	3	3+	7	2	1
GALVA	27.2	1.3	55	18	- 4	6		26	1.56	.06	.95	13	2.8	3	6	7	1	
HENRY	28.6	0.9	54	18	- 4	5		26	1.71	.09	.87	13	3.0	2	3+	9	2	
JOLIET WB AIRPORT	26.0	1.2	52	18	-10	5		27	2.43	.82	.72	13	5.0	3	3	8	5	
KANKAKEE	29.0	1.7	53	18	- 6	[illegible]		23	2.02	.31	.45	13	3.3	3	4	9	3	
KANKAKEE 4 W	28.6		52	18	-12	5		25	2.26	.57	.57	13	5.2	4	4+	11	4	
LA SALLE	29.3	2.1	57	18	3	2		25	2.05	.49	1.05	13	4.4			11	[illegible]	1
MARENGO	24.2	1.2	46	18	- 9	5		26	2.27	.90	.07	13	8.3	6	6+	7	2	
MOLINE WB AIRPORT	24.8	1.3	51	18	- 4	2		27	1.78	.20	.81	12	2.5	4	6	10	3	
MONMOUTH	25.0	-2.2	51	18	- 3	5		26	2.01	.46	.98	13	5.5	4	6	9	2	
MORRIS 3 NE	28.2	1.8	53	18	- 9	5		25	2.00	.44	.97	13	3.5	3	4+	11	2	
MORRISON	24.9	-0.2	50	18	- 6	2		27	1.58	.12	.74	13	4.8	5	6+	8	1	
MOUNT CARROLL	24.1	0.6	48	18	-10	2		27	1.36	.06	.66	13	4.8	[illegible]	6	10	1	
OTTAWA	28.8	1.5	55	18	- 4	6		24	2.09	.45	1.06	13	3.5	4	6	10	2	1
PONTIAC	29.7	1.1	55	18	- 2	5		25	1.77	- .07	.52	13	2.2	2	4	11	3	
ROCKFORD	25.1	1.3	49	18	- 7	2		26	2.20	0.68	.59	13	8.2	6	6	8	5	
ROCKFORD CAA	21.9	-0.1	46	18	-10	4+		27	1.79	.26	.60	13	8.5	8	6	10	2	
STOCKTON	22.3		45	18	-12	2		27	1.55	.32	.81	13	6.5	6	6	7	1	
SYCAMORE	24.4	0.7	51	18+	- 5	2		27	2.22	.75	.87	13	5.2	7	[illegible]	8	4	
WALNUT	26.0	0.1	50	18	- 4	5		26	1.86	.30	1.00	13	5.9	2	6	6	2	1
WAUKEGAN	25.8	1.4	50	18	- 4	2		26	2.59	1.17	.74	24	7.0	7	6+	9	4	
DIVISION	26.4	1.1							1.99	0.50								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	31.5	2.8	56	18	2	5		22	1.80	.05	.48	14	2.4	2	4+	9	3	
CARLINVILLE 4 E	33.8	1.4	61	18	9	7		24	3.15	1.19	.99	14	1.0	T	3+	9	3	
CHARLESTON	35.7	4.1	62	18	9	2		20	3.79	1.81	2.10	15	T	T	28	7	3	1
DANVILLE	33.7	3.8	59	19	8	2		20	3.45	1.63	1.30	15	T	T	1+	[illegible]	4	1
DECATUR	33.5	3.0	62	18	10	2		24	3.44	1.47	1.36	14	2.5	2	3	8	5	1
EFFINGHAM CAA	34.8	3.9	62	18	10	1		23	2.76	.62	2.14	14	T	T	1	9	1	1
GRIGGSVILLE	31.3	0	64	18	4	2		26	2.02	.36	.60	13	4.3			7	4	
HAVANA	30.2	0.6	57	18	1	5		26	1.79	.17	.46	21	4.8			8	3	
HILLSBORO	35.4	2.6	63	18	13	2		22	3.55	1.57	1.27	15	0.2	T	14	9	4	2
HOOPESTON	32.1	3.2	58	18	[illegible]	2+		22	2.91	.84	1.30	15	1.0			10	[illegible]	1
JACKSONVILLE	33.0	2.3	64	18	7	5		23	1.97	.39	.62	14	5.0	3	3	7	3	
LA HARPE	28.2	0.1	55	18	- 4	5		26	1.91	.36	1.08	13	4.0	[illegible]	3	7	3	1
LINCOLN	31.5	1.7	58	18	7	2		24	2.53	.81	1.10	14	3.0	2	3+	8	3	1
MATTOON	33.3	2.8	58	18	10	2		22	3.69	1.66	2.88	14	T	T	[illegible]	7	2	1
MORRISONVILLE 3 E	32.4	1.1	60	18	8	2		26	3.32	1.57	1.00	15	1.0	T	3+	11	3	1
PALESTINE	37.5	3.9	65	12	13	1		19	3.33	1.24	1.55	14	0.5	T	1+	11	2	1
PANA	34.8	3.1	62	13	11	2		23	3.46	1.46	1.40	15	T	T	3+	10	4	1
PARIS WATER WORKS	35.1	4.7	62	12	[illegible]	2		20										
PEORIA WB AIRPORT	27.5	0.3	54	18	- 2	5		26	1.63	- .38	.34	13	3.8	3	4	[illegible]	4	
QUINCY	30.9	-0.5	60	18	4	2		26	1.96	.36	.60	13	4.9	2	3+	7	4	
QUINCY CAA	29.1		58	18	4	2		27	1.76	.15	.54	21	3.9	3	6+	8	2	
RANTOUL CHANUTE AF BASE	31.6		58	18	9	5		23	3.10	1.44	1.51	14	2.5	1	3	9	4	1
ROBERTS 3 N	30.3	2.5	53	18	- 3	5		24	2.03	.36	.60	14	3.4	3	4	7	3	
RUSHVILLE	30.3	0.4	59	18	3	5		25	1.96	.49	.58	21	5.0	4	6	9	4	
SPRINGFIELD WB AIRPORT	31.3	3.7	58	18	5	5		25	2.65	.32	1.29	14	4.5	2	3	8	3	1
SPRINGFIELD WB CITY	32.9	3.4	60	18	10	2		22	2.45	.12	.98	14	3.3			8	3	
TABLE GROVE	29.3	0.8	58	18	3	[illegible]		26	2.03	.48	.59	13	6.0	4	6+	8	4	
TUSCOLA	34.0		59	18	9	1		20	3.21	1.29	1.24	15				9	3	1
URBANA	32.3	3.3	58	18	9	2		22	2.96	1.10	1.05	15	1.7	1	3	10	3	1
VIRDEN	33.1		57	12	11	2+		23	2.73	.97	1.02	14	2.4	2	3	8	2	1
WATSEKA	30.2		55	18	- 6	5		24	2.39	.79	.61	15	3.0	3	4+	10	3	
WHITE HALL 1 E	33.6	1.6	62	12	[illegible]	2+		25	2.29	.50	.80	14	1.5	1	4+	7	4	
WINDSOR	33.8M	2.7	60	18	[illegible]	2			3.61	1.48	1.58	15	0.5	T	1+	9	3	2
DIVISION	32.4	2.0							2.68	0.82								
SOUTHERN DIVISION																		
ALTON DAM 26	34.1		63	18	13	2		27	2.38	.35	1.29	5	0.2	T	1+	10	2	1
ANNA	40.1	2.7	67	15	11	1		18	3.87	.94	2.34	14		T	1	7	[illegible]	1
BELLEVILLE SCOTT AF BSE	36.7	3.3	64	[illegible]	16	[illegible]		25	3.18	1.12	2.07	14	T	1	[illegible]	7	3	1
CAIRO WB CITY	42.9	4.4	69	14	20	1		9	6.01	2.88	2.46	13		1	1	7	4	2
CARLYLE	36.7	2.7	64	18	14	1		24	2.61	.45	1.22	15				8	3	1
DU QUOIN	39.6	3.5	63	13	16	1		18	2.51	.20	1.24	14	T			7	2	1
EAST ST LOUIS	38.0	2.1	67	18	15	2		20	2.89	.85	2.11	14	T	T	1+	8	2	1
ELIZABETHTOWN	42.2		70	14	15	1		15	4.05	.85	2.51	14		T	1	8	3	1
FAIRFIELD	38.4	3.1	65	12	9	1		20	2.93	.68	1.48	14		1	1	7	2	[illegible]
FLORA	36.9	2.9	65	12	11	1		23	4.06	1.94	1.63	14				6	3	2
GOLCONDA DAM 51	40.4M	4.4	66	14+	15	1		13	3.79	.49	2.48	14+		2	1	7	2	1
GREENVILLE	35.8	2.7	64	18	14	1+		24	3.28	1.17	1.86	15		T	1+	6	3	1
HARRISBURG	41.2	3.6	69	15	12	1		18	3.57E	.86	1.92	14				7	3	1
MC LEANSBORO	40.0M	4.2	65	15	12	1		19	2.66	.11	1.28	14	T	2	1	7	2	1
MT CARMEL	40.3	5.3	65	12	15	1		17	2.82	.12	1.21	14		2	1	7	2	1
MT VERNON	36.6	1.9	65	15	11	1		23	3.10	.68	1.64	15				5	2	1
NEW BURNSIDE	39.5	2.6	69	15	12	1+		21	3.74	.90	2.09	14	T	T	1+	8	3	1
OLNEY	37.2	3.1	64	12	10	1		20	3.44	1.22	1.57	15	T			5	2	2
SPARTA	38.8	2.8	66	[illegible]	15	7		22	3.15	1.08	1.65	15	T			7	2	1
DIVISION	38.7	3.2							3.37	0.77								
STATE	32.0	2.0							2.63	0.70								

See reference notes following Station Index

Table 3

DAILY PRECIPITATION

ILLINOIS

FEBRUARY 1949

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION			.02	.08		.03								1.21	1.04									.23			.10					2.71
ALEDO			T	.05		.28						T	1.16	T	.09	T					.16			.19			T					1.93
ALEXIS WATER WORKS R			.32			.15						.73	.22	.05	.15						.23			.09								1.94
ALTON DAM 26	T		.01	.22		T	.01						.14	.03	1.29						T	.27		.17	.12			.12				2.38
ANNA			.05	.07									.15	2.34	.94									.25			.07					3.87
ANNAWAN			.40	T								.02	1.02	T							.14			.10								1.68
ANTIOCH			.20	.03		.20							.71	.05	.08						.23			.44								1.94
AURORA COLLEGE	T		.21	.09		.07				T		.08	1.42	.12						T	.30			.27			.01					2.57
BARRY	T		.35	T	T	.05						T	.25	.34	.09	T					.49	T		.13			.31					2.01
BEARDSTOWN			.05	.35		.14	T						.21	T	.46		T				.41	.26		T	.02		.22	.07				2.19
BEARDSTOWN LAGRANGE R //			.36			.09						.07	.20	.36	.15						.54						.45					2.22
BELLEVILLE SCOTT AF B Z			.07	T		.05						T	.33	2.07	.20						.05	T	T	.41			T					3.18
BELVIDERE SEWAGE PLANT R			.21			.12						*	.64	.19							.25		.20	.26								1.87
BENTLEY			T	.24		.05							.75	.24		.02				T	.51			.05			.05					1.91
BENTON			.20											1.38	.92									.18			.02					2.70
BLOOMINGTON NORMAL			.07	.16		.01						T		.48	.39	T					.45	.02		.14			.08	T				1.80
BLUFFS			.28									.03	.01	.65	.21	.01	T				.46			.10			.21					1.96
BRADFORD CAA			.17	T		.09						.56	.55	.09	T					T	.19	T	.10	.06			T	T				1.81
BROOKPORT DAM 52				.42									T	2.96	1.03	.11							T	T	.13			.07				4.72
CAIRO WB CITY R			.38	.01									2.46	2.25	.66				T					.18			.07					6.01
CAMP ELLIS R			.23			.12						.20	.35	.22	.01						.47			.08			.08					1.76
CANTON			.19	.14		.54						T	T	.32	.28	T				T	.41	T		.12	T		.10					2.10
CARLINVILLE 4E			.06	T	T	.04							.12	.99	.71						.74	.07		.22			.20					3.15
CARLYLE			.16	.07		.04						T		.77	1.22						.01			.27			.07					2.61
CARMI			.15	.11									.25	1.35	1.22									.20			.08					3.36
CARPENTER 1 SW R			.10										.15	2.00	.14									.27			.08					2.74
CASEY						.15							.13	.80	1.27						.26						.03					2.64
CENTRALIA 3 N						.04								.90	.45									.25			.10					1.74
CHANDLERVILLE			.25			.20						.01	.24	.33	.28					T	.70			.19			.33					2.53
CHANNAHON DRESDEN ISLD				.27		T	.14						.98		.27						.03	.39		.02	.22			.17				2.49
CHARLESTON			.10			.19								.96	2.10						.06			.26			.12	T				3.79
CHENOA			.32			.02				T		T	.43	.58	T	T				T	.44	.01		.09			.14					2.03
CHESTER													.10	.68	1.42													.10				2.30
CHICAGO CAL TREAT WKS R	-	-	-	-	-	-	-	-	-	-	-	.46	.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
CHICAGO HEIGHTS			.08	.02		.23				T		.31	.99			.02				T	.57			.83			.21					3.26
CHICAGO LAKEVIEW PUMP R			.41			.36						.56	.97	.30	.02						.46	.15		.23								3.46
CHICAGO MAYFAIR PUMP S R			.33			.19						.42	.86	.13	.01						.43	.09		.19								2.65
CHICAGO ROSELAND PUMP R			.18			.05						.21	1.13	.40	.06						.49	.06		.11			.04					2.73
CHICAGO SAN DIST DISP R	-	-	-	-	-	-	-	-	-	-	-	.49	.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
CHICAGO SAN DIST OFF R	-	-	-	-	-	-	-	-	-	-	-	.60	.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
CHICAGO S FILTER PL R			.21			.07						.48	.89	.20	.04	.05					.36			.14			.15					2.59
CHICAGO SPRINGFLD PUMP R			.31			.11						.61	.94	.34	.05						.42	.04		.13								2.95
CHICAGO UNIVERSITY R			.24			.06						.51	.80	.24	T	T				.01	.36	T		.11	T		.07					2.40
CHICAGO WB AIRPORT R	T		.26	T		.11				T		.47	.78	.26	T					T	.31	T		.20	T		.03	T				2.42
CHICAGO WB CITY R	T		.21	T		.10				T		.55	.78	.28	.02					T	.41	T		.13	T		.03					2.51
CHILLICOTHE			.10	.13		.03						.02	.92	.16	.09	T					.27	.02		.09			.07					1.90
CICERO	T		.17	.10		.12				T		.12	1.20	.12	.10	T				T	.37	.02		.18			.03					2.51
CISNE BROWN CAMP R			.12			.08							.07	2.40	.18									.20								3.05
CLINTON			.22									.12		1.05	.05					T	.55			.24			.15					2.38
COLLINSVILLE R				.15			.01						.10		2.30										.25			.10				2.91
CRETE R			.33			.07						.26	.83	.50							.35			.35			.19					2.88
DANVILLE			.18			.18						T		.89	1.30	T					.42	.12		.26			.10	T				3.45
DANVILLE SEWAGE PLANT	T			.19			.10						.09	T	2.05							.46	.02	.03	.24			.09				3.27
DECATUR			.35			T					T	T	.01	1.36	.43	T					.93	.09		.26			.01	T				3.44
DES PLAINES 1 NW	T		.20	.11		.09						T	1.06	.03	.04					T	.22	.04		.32			.01					2.12
DIONA R			.13			.10						.03	.02	2.14	.07						.03	.07		.26			.12					2.97
DIXON			.12	.03		.20						T	.77	.06	.03	T					.19	T		.38			T					1.78
DOWNS 2 NE R			.34										*	*	1.01						.39			.15			.14					2.03
DU QUOIN			.07	.04		.03							.10	1.24	.93												.10					2.51
DWIGHT			.10	.22		.02						T	.88	.10	.38						.27			.15			.10					2.22
DWIGHT STATE REFORM R			.32			.04						.12	.67	.20	.25						.26			.15			.11					2.12
EAST ST LOUIS			.22			.01							.10	2.11							.02		.03	.31			.09					2.88
EDWARDSVILLE			.14			T						T		.98	1.21						T			.31			.14					2.78
EFFINGHAM CAA Z			.05	T		.12						T	.06	2.14	.08						.03	.01		.18			.09	T				2.76
ELGIN	.16		.26	T		.16						T	.90	T	.23	T				T	.21	T		.86			T					2.78
ELIZABETHTOWN			.03	.13									.41	2.51	.71				.07	T				.13			.06					4.05
ELSAH			.25										.25	1.12	.85						.47	.50		.33			.05					3.82
EVANSTON PUMP STA R	-	-	-	-	-	-	-	-	-	-	-	.46	.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
FAIRBURY WATER WKS R//			-			.04						.03	.36	.72							.39			.13			.23					-
FAIRFIELD				.08		.02							.02	1.48	1.08									.21			.04					2.93
FARMER CITY R			.36										.06	1.05	.13						.54	.55		.18			.09					2.96
FLORA			T	.41		.22							T	1.63	1.51									.22	.07							4.06
FREEPORT			.14			.13						.03	.68	.13	.08	T					.21			.07			T					1.47
FREEPORT SEWAGE PLANT R	T			.09		.02	.13						.58		.15		.01				.15	.03		.03	.02							1.31
FULTON DAM 13 Z				.10		.05	.10						.59		.19		T				.16	.04		.02	.03			T				1.28
GALATIA R			-										1.03	1.73	.12									.22			.08					-
GALESBURG			.14			.11						.12	1.06	.02	T						.26			.08								1.79
GALVA			.18			.10						.05	.95	.05	.05						.18						T					1.56
GENESEO			.19	T		.11						.07	.99	.08	.02						.19	T		.08								1.73
GIBSON CITY			.26	.01		T				T		.01	.08	.64	.55	T					.60			.19	T		.12	.05				2.51
GLADSTONE DAM 18	T		.08	.15		.04	.12						1.14	.02	.06		T			T	.16	T	T	.01	T		T	.02				1.80
GLENDALE EXP FARM R			.23										1.24	1.40	.51									.15				.07				3.60
GOLCONDA DAM 51 Z				.22	T								T	2.48	.85	.06				.02		T	T	T	.11			.05				3.79
GOLDEN			.26	.01	T	.04							.50	.30		T				T	.42	T					.20					1.73
GRAFTON	T		.06	.23	T	T							.13	.08	1.55						.18	.58		.14	.36			.13				3.44
GRAND CHAIN DAM 53				.36									.08	3.12	.75	.10								.02	.12			.05				4.60
GREENUP				.15		.20						T	T	.60	.85						T	T		.18	.03		T	T				2.01
GREENVILLE			.14	T	T	.12						T	.09	.74	1.86						T	T		.33			T					3.28
GRIDLEY			.25	.05		.02							.55	.27	.29	T					.32	.03		.07			.19	T				2.04
GRIGGSVILLE			.24			.20							.60	.26		T			T	.07	.38			T				.27				2.02
HARDIN			.90		.02								.03	1.10	.16						.46						.41					3.08
HARRISBURG			.14	.06									.26	1.92	.89									.21			.09					3.57
HARRISBURG HIWAY 13 BR	.25	T		.16									T	1.94	.82	T								.02	.14			.07				3.40E
HAVANA			.17	T		.20						T	.30	.33	.05	T				T	.46			.08			.20					1.79
HAVANA NO 2			T	.36		.05	T						.30	T	.41						.22	.32		T	.05		.13	.04				1.88
HENRY			.22	T		.05						.05	.87	.09	.01						.33	T		.08			.01					1.71
HILLSBORO			.17	.03		.03						T	.16	1.04	1.27						.42			.34			.09					3.55
HOOPESTON Z			.08	.19		.02						T	.06	.48	1.30	T					.32	.24		.18			.04	T				2.91
HUTSONVILLE POWER PLA				.12			.06						T	.10	1.78							.10		.03	.14			.07				2.40
ILLINOIS CITY DAM 16 Z			.01	.08		.08	.17					T	1.02		.20		.01				.11	.02		.01	.01							1.72
JACKSONVILLE			.30			T								.16	.62	.24					.44			.11			.10					1.97
JACKSONVILLE SEWAGE PL R			.20	.02								.02	.13	.75							.47			.13			.18					1.90
JOLIET BRANDON RD DAM			.26				.11						1.05		.12						T	.38		.08	.29			.06				2.30
JOLIET WB AIRPORT	T		.25	T		.15				T		.37	.72	.27	T	T				T	.43			.18			.06					2.43
KANKAKEE			.17	.15								.01	.45	.32	.35						.23	T		.20			.14					2.02
KANKAKEE 4 W			.07	.27		T				T		.02	.57	.18	.50	.01				T	.27	.02		.21	T		.14					2.26
KANKAKEE SEWAGE PLANT R			.30	.01		.02						.02	.46	.64							.17	.01		.18			.12					1.93
KEITHSBURG			T	.10		.03	.12						1.10	T							.07	.04	T	.15	T		T	T				1.61
KEWANEE BAKER PARK R			-	-	-	-						.54	.33	*	.82						.20			.08								-
KICKAPOO				.24		.01							.62		.35						.22			.08								1.52
LA HARPE			.25		T	.07						.01	1.08	.10		T				T	.38			T			.02					1.91
LANARK R			.10	.01		.17						.35	.15	.03							.17		.02	.10								1.10
LA SALLE	T		.14	.20		.07						.02	1.05	.06	.03	T				T	.34	.01		.12	T		.01	T				2.05
LAWN RIDGE R			.14			.08						.40	.37	.13							.32			.10			.05					1.59
LAWRENCEVILLE 5 S	T			.12		.04	.02						T	1.44	1.81						.08			.24			.22					3.97

See reference notes following Station Index.

Table 3—Continued

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LE ROY			.24	.04								T	.06	.83	.08					T	.49	.19		.16			.06					2.12
LINCOLN			.35			.04						T		1.10	.10	T				T	.54	.12		.10			.18					2.53
LINCOLN NO 2			.05	.65		.15							.12	.06	.16						.12	.35		.01	.09		.04	.13				1.93
LOCKPORT LOCK AND DAM H			.22	.05		.10						.37	.68	.11							.40			.26			.05					2.24
LOUISVILLE H			-			.12						.03	.10	1.76	.14									.19			.11					-
MACKINAW			.08	.36									.36	.56							.56			.17			.04					2.13
MACOMB			.16	.07	T	.09						.03	.78	.23		T				T	.39	T		.03	T		.03					1.81
MARENGO			.22	.06		.32							.70	.03	.06	.03					.35	T		.50	T		T					2.27
MARIETTA R			.30			.10						.26	.40	.16	.07						.43			.09			.10					1.91
MARION			T	.09									.04	1.72	1.21									1.13			.05					4.24
MAROA SEWAGE PLANT R			-										.09	1.23	.08						.78	.08		.37			.07					-
MARSEILLES LOCK			T	.23		T	.02						1.06		.21						.02	.31		.01	.08			.02				1.96
MARSHALL 1 W			T	.12		.17							.02	.74	1.12					T	.21	.04		.24	T		.04	T				2.70
MASCOUTAH			.21	T		.21								.34	1.22					T	T	T		.36			.08					2.42
MASON CITY R			.20									.02	.18	.60							.63			.07			.23					1.93
MATTOON			.10			.18								2.88	.12					T	.08			.25			.08					3.69
MC HENRY R			.33	.02		.26						.25	.50	*	.11				.05		.35		.19	.43								2.49
MC HENRY 2 S			.20	.04		.21							.72	.11	.04	T					.33	.03		.73								2.41
MC LEANSBORO			.07	.16		T							.06	1.28	.86									.20			.03					2.66
MEDORA			.30	.03								T	.15	1.15	.37						.37			.30			.15					2.82
MOLINE WB AIRPORT Z			.08	T		.14				T		.81	.26	.08	.01	.01				T	.27	T		.11			.01					1.78
MONMOUTH			.20			.23						.08	.98	.15	.05	T				T	.25			.05			.02					2.01
MORRIS				.21			.06						.83	T	.26						.06	.16		T	.05		T	T				1.62
MORRIS 3 NE			.07	.12		.02						.06	.97	.06	.16	T				T	.35	.04		.12			.03	T				2.00
MORRISON			T	.12		.17						T	.74	.08	.12	T				T	.11	.06		.18			T					1.58
MORRISONVILLE 3 E			.20	.06	T	.07							.04	.86	1.00					.02	.75	.05		.19			.08					3.32
MT CARMEL				.24		T							.12	1.21	.85							.10		.20			.10					2.82
MT CARMEL WATER WORKS R			.23										.44	1.40	.38						.06			.18			.08					2.77
MOUNT CARROLL	T		.08	.04		.16				T		.01	.68	.05	.04	.01					.20			.13	T		T					1.36
MOUNT OLIVE			.24			.01							.14	1.05	1.20						.40	.25		.34			.09					3.72
MOUNT PULASKI			.30	.10						T			.06	1.00	T	T					.70	.10	.18	T	T		.16					2.60
MOUNT STERLING			.30			.20						.02	.03	.60	T						.74			T			.22					2.11
MT VERNON			.19	.12										.97	1.64									.18		T						3.10
MURPHYSBORO WATER WK R//			.18										.88	1.64	.05									.15			.02					2.92
NASHVILLE			.03	.28		.11							.06	.98	1.62									.22			.10					3.40
NEWARK 7 E			.31			.12							1.10	T	.20						.50			.18			T					2.41
NEW BOSTON DAM 17			T	.07		.05	.09						1.30	T	.06		T				.12	T	T	.03	T		T	T				1.72
NEW BOSTON 2 NW			.04			.11							1.28	.07							.11			T								1.61
NEW BURNSIDE			.14	.03	.01								.31	2.09	.90						T			.15			.11					3.74
OLNEY			.20										T	1.41	1.57						.05			.21			T					3.44
OREGON POWER PLANT Z			.06	.09		.25						T	.65	T	.06	T					.24	T		.60			T					1.95
OTTAWA			.22	.02		.03				T		.04	1.06	.22	.04					T	.37	.01		.08	T		T	T				2.09
PALESTINE			T	.06		.11	.07						.09	1.55	.97						.01	.16		.19			.09	.03				3.33
PANA			.17	.08		.04						T	.05	.86	1.40					T	.52	.02		.25			.07					3.46
PARIS SEWAGE PLANT R			-			.08						.05	.05	1.85	.58						.03	.05		.20								-
PARIS WATER WORKS			-			.01						T		1.01	1.50						T	T		.30			T					-
PAW PAW			.32			.35						.02	1.05		.13		T				.21	.03		.33			T					2.44
PEORIA LOCK AND DAM R//			.25									.25	.38	.23	.08						.32	.03		.14			.12					1.80
PEORIA WB AIRPORT R	T		.27	T		.03				T		.16	.34	.30	T	T				T	.30	T		.13			.10	T				1.63
PEOTONE			.13	.20		T							.82	.63		T				T	.10	.22		.27			T					2.37
PERU			T	.28			.04						1.04		.06						.03	.31		.05								1.81
PIPER CITY			.23										.28	*	.71						.35			.17			.19					1.93
PITTSFIELD WATER WKS R			-			.05						*	.20	.71							.40			.10			.15					-
PLEASANT HILL 2 E			.29										T	.95	.17						.62			.10			.19					2.32
PONTIAC	T	.10	.09		.01				T		.01	.52	.36	.21	T					.30	.30	.01		.04			.12					1.77
PRAIRIE DU ROCHER WKS R			.22			.05							.04	1.87	.12									.29			.06					2.65
PRINCETON 1 S R//			.35			.05						.61	.54	.10	.01						.27	.01	.03	.08			.03					2.08
PRINCEVILLE 2 NW	T		.32	T		.08						.02	.86	.18	.03	T				T	.32	.01	.10				.02					1.94
PROPHETSTOWN R			.08	.02		.13						*	.87	.07	.07						.20		.05	.18								1.67
QUINCY			.24	T		.19							.60	.26		T				.02	.38			T			.27					1.96
QUINCY CAA			.11		T	.10						.18	.15	.43	T	T				.02	.54	T		T			.23					1.76
QUINCY DAM 21 Z			.17	.07		.16							.53	.02	.24		T				.42	T					.23	T				1.84
QUINCY MEMORIAL BRIDGE			.20	.13		.19	.03						.61	.03	.24		.03				.46	T		T	T		.21	.03				2.16
RANTOUL CHANUTE AF BS Z			.29			T						T	.09	1.51	T	T					.53	.22		.36	T		.05	.05				3.10
RED WOO			.32			.02							.19	2.35									.25	.03			.05					3.21
RICHVIEW R			.16	.01		.06								2.39	.04									.20			.06					2.92
ROBERTS 3 N			.17	.18		T						T	T	.60	.46						.37			.18	T		.07					2.03
ROCHELLE			.12	.28		.39															.18			.33								1.30
ROCKFORD			.25	.25		.42							.59	T	.25	T					.08	.11		.25			T					2.20
ROCKFORD CAA	T		.13	.02		.15						.31	.60	.13	.04	T				T	.18	T	.13	.10			T	T				1.79
ROCK ISLAND DAM 15	T	T	T	.07		.04	.10						1.05	T	.12		.01			T	.06	.05	T	.03	.03		T	T				1.56
RUSHVILLE			.25	.06		.10						T	.46	.27	.02						.58			.03			.19					1.96
ST MARIE MISSION HSE				.20			.07						T	.07	.32							.06	T	.04	.19			.12				1.07
SALEM	.05		.01	.24		.13							.03	.89	2.12									.26			.08					3.81
SHAWNEETOWN NEW TOWN	T			.19	T									2.70	1.21	T				.06	T	T	T	T	.16			.08					4.40
SIDELL	T			.15			.15						.08		2.40	T						.38	T	.06	.21			.08					3.51
SKOKIE N S TREAT WKS H			.16	.02		.10						.44	.78	.07	.08						.26			.23								2.14
SPARTA			.12	T		.10							.01	.98	1.65						T	T		.23			.06					3.15
SPRINGFIELD WB ARPT Z			.36		T	.01						T	.12	1.29	T	T				T	.69	.01		.10			.07	T				2.65
SPRINGFIELD WB CITY U			.29		T	.01				T		T	.13	.98	T	T				T	.66	.13		.12			.13	T				2.45
STOCKTON			T	.16		.23							.81	.05	.06						.15			.09								1.55
STREATOR			.31	.01		.01				T		.03	1.12	.21	.06						.44	.02		.14	T		T					2.35
SULLIVAN WATER WORKS R//			.16	.01		.07						.01	.09	2.25	.08						.36			.17			.07					3.27
SYCAMORE			.31	.02		.20						.01	.87	.09							.26			.46	T							2.22
TABLE GROVE			.25	.04		.16						T	.59	.29	T	T				T	.52	T	T	.07			.11	T				2.03
TAYLORVILLE			.29	.03		.04							.06	1.06	.86						.86	.08		.24			.09					3.61
TISKILWA			.25	.20		.20						.05	1.15	.08							.27			.09			T					2.29
TOULON			.18	.11		.12	T					.07	1.02	.08	.03					T	.23	.01		.29	T		.03					2.17
TUSCOLA			.10			.17							.10	.70	1.24						.53	.10		.21			.06					3.21
URBANA			.11	.01		.03						T		.70	1.05	T					.76	.07		.16			.02	.05				2.96
URBANA EXP FARM R			.17			.02						*	*	*	2.01						.52	.07		.23			.05					3.07
UTICA STARVED ROCK DAM			T	.18		T	T						.94	T	.12					T	.04	.25		T	T		T	.01				1.54
VANDALIA Z			T	.05		.20							T	*	3.00						T	.07		.14			T					3.46
VIRDEN			.19		T	T							.09	1.02	.20					T	.94	.06		.16			.07					2.73
WALNUT			.21			.25						T	1.00	.05	T	T					.20			.15			T					1.86
WARSAW			.22									.17	.85								.41											1.65
WASHINGTON R			.28			.07						.25	.48	.35							.25			.20			.12					2.00
WATERLOO			.02		T	T							.02	.55	1.22						T			.23								2.04
WATERMAN R//			.28	.02		.20						.50	.53	.10							.18		.54	.30								2.65
WATSEKA			.19	.21		.02						T	.17	.51	.61	T					.34	.05		.15			.14					2.39
WAUKEGAN			.28	.08		.16						.01	.73	.17	.04						.38			.74			T					2.59
WAYNE CITY				.14	.01								.02	.49	2.18									.07	.18							3.09
WENONA R			.22									.24	.58	.24							.28			.10			.10					1.76
WEST FRANKFORT 8 E R			.32			.01							.81	1.61	.40									.20			.04					3.39
WHEATON COLLEGE				.41		.20						.05	-	T							.25		T	.16								-
WHITE HALL 1 E			.30			T	T					T	.15	.80	.30					T	.55	T		.13			.06					2.29
WILCOX				.11			.08					.03	.12	1.60	2.63										.26			.07				4.90
WINDSOR			.18	.04		.25							.12	1.02	1.58					T	.09			.24			.09					3.61

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																										
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUDSON LK BLOOMINGTON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—3d—																										
ALEXIS WATER WORKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.32							.32
BEARDSTOWN LA GRANGE DAM	//						*	*	*	*	*	*	*	*	*	*	*	*	.36							.36
BELLEVILLE SCOTT AF BSE	//																.03	.02	.05			.02	.01			.13
BELVIDERE SEWAGE PLANT												.02	.02	.01	.01		.01		.04	.04	.01	.01	.03		.01	.21
BRADFORD CAA	6							*	*	*	*	*	.05	*	*	*	*	*	.12							
CAIRO WB CITY												.01	.01			.01	.04	.14	.11	.06						.38
CAMP ELLIS							.02	.02	.03	.02							.02	.07	.02	.01	.01	.01				.23
CARPENTER 1 SW									.03	.02	.01						.03	.01								.10
CHICAGO LAKEVIEW PUMP												.01	.03	.02	.02	.02	.03	.02	.03	.06	.05	.04	.03	.03	.02	.41
CHICAGO MAYFAIR PUMP ST														.02	.01	.01		.01	.03	.06	.05	.04	.03	.04	.03	.33
CHICAGO ROSELAND PUMP												.02	.03	.03	.01				.01	.03	.01	.02	.03	.01	.01	.18
CHICAGO S FILTER PL												.02	.02	.03	.01				.01	.04	.02	.05	.01			.21
CHICAGO SPRINGFLD PUMP												.01	.04	.01					.03	.08	.04	.04	.02	.02	.02	.31
CHICAGO UNIVERSITY										.01	.01	.03	.03	.02					.02	.05	.02	.05				.24
CHICAGO WB AIRPORT										.01	.02	.04	.03	.02					.02	.05	.02	.05				.26
CHICAGO WB CITY											.02	.02	.04	.02		.01		.01	.01	.03	.03	.02				.21
CISNE BROWN CAMP											.02	.02							.01		.02	.04	.01			.12
COLLINSVILLE									.02	.02	.01						.04	.03	.03			.01	.01			.17
CRETE											*	*	*	*	*	*	*	*	*	*	*	*	.33			.33
DIONA																			.03	.04	.01	.02	.01	.01	.01	.13
DOWNS 2 NE										.05	.04	.01	.01	.02	.01			.06	.10	.03	.01					.34
DWIGHT STATE REFORM										*	*	*	*	*	*	*	*	*	*	*	*	*	.32			.32
EFFINGHAM CAA	//																	.03	.03	.01	.02					.09
FAIRBURY WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FARMER CITY									.02	.04	.05	.04	.01	.02	.01			.02	.06	.05	.04					.36
FREEPORT SEWAGE PLANT																	*	*	*	*	*	*	*	*	.09	.09
FULTON DAM 13										.03	.01				.01		.02	.01	.02							.10
GALATIA																										
GLENDALE EXP FARM																		.07	.12	.01	.03					.23
GOLCONDA DAM 51																		.11	.06		.02	.02	.01			.22
HOOPESTON										.01	.01	.04	.01	.01			.01		.06	.07		.03	.01			.26
ILLINOIS CITY DAM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JACKSONVILLE SEWAGE PL								.04	.05	.01	.03						.01	.01	.03	.01					.01	.20
KANKAKEE SEWAGE PLANT												.01	.02	.01	.02	.01		.01	.02	.06	.10	.02	.01		.01	.30
KEWANEE BAKER PARK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANARK															.01		.01	.02	.02	.03	.01					.10
LOCKPORT LOCK AND DAM										.02	.01	.02	.02	.02			.01		.04	.04	.02	.01	.01			.22
LOUISVILLE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARIETTA																		*	*	*	*	*	*	*	.30	.30
MAROA SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	.18	-
MASON CITY										.03	.06	.01			.02			.07	.01							.20
MC HENRY										.03	.02	.04	.04	.01	.01				.05	.07	.02	.01		.02	.01	.33
MOLINE WB AIRPORT	//									.01	.01							.01	.03	.01	.01					.08
MT CARMEL WATER WORKS																			.03	.04	.03	.05	.07	.01		.23
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.18	.18
NEWTON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON POWER PLANT	//									.01	.01	.01	.01	.02					.04	.02						.12
PARIS SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA LOCK AND DAM	//			.02		.01	.01	.01			.03						.01	.06	.05	.03	.02					.25
PEORIA WB AIRPORT									.01	.01	.02	.01		.01				.05	.08	.04	.02	.01	.01			.27
PIPER CITY											.03	.04	.01	.02	.01	.01		.01	.05	.04	.01					.23
PITTSFIELD WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRAIRIE DU ROCHER W WKS																.01	.05	.01	.02	.08	.03	.02				.22
PRINCETON 1 S	//							.02	.02	.04	.03	.05	.01	.01	.02	.01	.01	.05	.06	.02						.35
PROPHETSTOWN											.02					.01			.05							.08
QUINCY CAA	6							*	*	*	*	*	.03	*	*	*	*	*	.07							
QUINCY DAM 21							.06	.03	.05	.01	.01						.03	.03		.01	.01					.24
RANTOUL CHANUTE AF BASE	//										.02	.05	.01	.01		.01			.08	.05	.04	.02	.01			.30
RICHVIEW																		.03	.02	.02	.03	.02	.03		.01	.16
ROCKFORD CAA	6													*	*	*	*	*	.07	*	*	*	*	*	.06	
SKOKIE N S TREAT WKS											.01	.01	.03		.01				.03	.02	.03	.01	.01			.16
SPRINGFIELD WB AIRPORT	//							.08	.04	.08	.02						.01	.06	.05				.01	.01		.36
SPRINGFIELD WB CITY							*	*	*	*	*	*	*	*	*	*	*	*	*	*	.37					.37
SULLIVAN WATER WORKS	//										.04	.02						.03	.02	.03					.02	.16
URBANA EXP FARM											.03	.03	.01	.01					.01	.03	.03	.02				.17
VANDALIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON										.05							.03	.07	.09	.01	.03					.28
WATERMAN	//									.05	.04	.04	.02	.02	.01				.02	.03	.02	.02		.01		.28
WENONA												.02	.01	.01	.01			.02	.09	.06						.22
WEST FRANKFORT 8 E														.01				.01	.12	.05	.02	.09	.01		.01	.32
—4th—																										
BELLEVILLE SCOTT AF BSE	//		.01	.01																						.02
CAIRO WB CITY							.01																			.01
HOOPESTON		.01																								.01
JACKSONVILLE SEWAGE PL		.01	.01																							.02
KANKAKEE SEWAGE PLANT													.01													.01
LANARK			.01																							.01
LOCKPORT LOCK AND DAM		.01			.01	.01			.02																	.05
MC HENRY		.02																								.02
PROPHETSTOWN									.02																	.02
RICHVIEW				.01																						.01
ROCKFORD CAA	6	*	*	*	*	*	.02																			
SKOKIE N S TREAT WKS		.01	.01																							.02
SULLIVAN WATER WORKS	//	.01																								.01
WATERMAN	//			.01		.01																				.02
—6th—																										
ALEXIS WATER WORKS				.01	.01				.01	.04	.06	.01	.01													.15
BEARDSTOWN LA GRANGE DAM	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.09							.09
BELLEVILLE SCOTT AF BSE	//											.05	.01	.01													.06
BELVIDERE SEWAGE PLANT										.02	.03	.01	.01	.02	.01	.01	.01									.12
BRADFORD CAA	6	*	*	*	*	*	.05	*	*	*	*	*	.04													
CAMP ELLIS					.01	.01		.05	.03	.01					.01											.12
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP												.01	.07	.03	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.02	.36
CHICAGO MAYFAIR PUMP ST													.02		.02	.02	.03	.02	.02		.02	.02		.01	.01	.19
CHICAGO ROSELAND PUMP													.02	.01	.01		.01									.05
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL												.01	.04	.02												.07
CHICAGO SPRINGFLD PUMP													.05	.01	.01	.01	.01	.01		.01						.11
CHICAGO UNIVERSITY											.01	.01	.01	.01	.01	.01										.06

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO WB AIRPORT											.02	.03	.03	.01		.01	.01									.11
CHICAGO WB CITY										.01		.01	.03	.02	.01		.01	.01								.10
CISNE BROWN CAMP											.04					.02	.01	.01								.08
COLLINSVILLE											.02															.02
CRETE														*	*	*	*	*	.07							.07
DIONA													.02	.01	.03	.01	.01	.01	.01							.10
DWIGHT STATE REFORM											.01	.01	.01	.01												.04
EFFINGHAM CAA	//											.02	.03	.02	.05	.01										.13
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//											.01	.01	.01	.01											.04
FREEPORT SEWAGE PLANT								.02	.02	.02	.04		.02	.01	.03											.16
FULTON DAM 13							.01	.04			.02	.01	.02	.05												.15
HOOPESTON														*	*	*	*	*	.08							.08
ILLINOIS CITY DAM				.01	.01	.03	.02			.05	.05	.02	.03													.22
KANKAKEE SEWAGE PLANT							.01		.01																	.02
KEWANEE BAKER PARK				-	-	-	-	-	-	-	-	-	-													-
LANARK								.07	.03	.01	.01	.02	.01	.01	.01											.17
LAWN RIDGE								*	*	*	*	*	.08													.08
LOCKPORT LOCK AND DAM										.02	.01	.05	.02													.10
LOUISVILLE											.02	.02			.01	.05	.02									.12
MARIETTA					.01	.01	.02	.01	.02	.03																.10
MC HENRY										.03	.03	.05	.10	.02	.01	.01	.01									.26
MOLINE WB AIRPORT	//				.01	.01	.01	.01		.03	.04	.03														.14
NEWTON											.02	.05	.02			.03	.05									.17
OREGON POWER PLANT	//								.06	.04	.06	.03	.04			.02	.01									.25
PARIS SEWAGE PLANT												.01	.02			.03	.02									.08
PEORIA WB AIRPORT							.01	.01	.01																	.03
PITTSFIELD WATER WORKS		*	*	*	*	*	.05																			.05
PRAIRIE DU ROCHER W WKS												.03		.01	.01											.05
PRINCETON 1 S	//										.01	.01	.03													.05
PROPHETSTOWN										.04	.03	.02	.01			.03										.13
QUINCY CAA	6							*	*	*	*	*	.10													
QUINCY DAM 21						.04	.06	.04			.01		.01													.16
RANTOUL CHANUTE AF BASE	//														.03	.01			.01							.05
RICHVIEW											*	*	*	*	.06											.06
ROCKFORD CAA	6							*	*	*	*	*	.06	*	*	*	*	*	.09							
SKOKIE N S TREAT WKS											.01	.01	.03	.04			.01									.10
SPRINGFIELD WB AIRPORT	//									.01																.01
SPRINGFIELD WB CITY								*	*	*	*	*	*	*	*	*	*	*	.02							.02
SULLIVAN WATER WORKS	//													.05	.02											.07
URBANA EXP FARM												.01	.01													.02
VANDALIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON										.05	.02															.07
WATERMAN	//									.02	.07	.07	.03	.01												.20
WEST FRANKFORT 8 E														.01												.01
														—12th—												
ALEXIS WATER WORKS																	.01	.02	.01	.03	.04	.11	.21	.12	.18	.73
BEARDSTOWN LA GRANGE DAM	//																							.02	.05	.07
BELVIDERE SEWAGE PLANT																				*	*	*	*	*	*	*
BRADFORD CAA	6													*	*	*	*	*	.08	*	*	*	*	*	.57	
CAMP ELLIS																			.01			.01	.01	.03	.04	.20
CHICAGO CAL TREAT WKS																	.03	.06	.02	.02	.02		.02	.08	.21	.46
CHICAGO LAKEVIEW PUMP																		.03	.06	.03	.02	.01	.01	.01	.19	.56
CHICAGO MAYFAIR PUMP ST																		.02	.04	.01	.01	.01		.09	.24	.42
CHICAGO ROSELAND PUMP																		.05	.02	.03					.11	.21
CHICAGO SAN DIST DISPAT																		.05	.05	.04	.01		.01	.10	.23	.49
CHICAGO SAN DIST OFF																		.06	.08	.05	.02		.01	.01	.26	.60
CHICAGO S FILTER PL																		.05	.03	.03	.02	.01	.01	.01	.22	.48
CHICAGO SPRINGFLD PUMP																		.06	.05	.03	.02	.01	.03	.04	.27	.61
CHICAGO UNIVERSITY																.01	.01	.05	.07	.03	.01	.01	.01	.09	.22	.51
CHICAGO WB AIRPORT																		.04	.06	.03	.01	.01	.01	.09	.22	.47
CHICAGO WB CITY																		.05	.06	.05	.02	.01	.01	.04	.21	.55
CRETE																		.06	.01	.02			.03	.04	.10	.26
DIONA											.01	.01										.01				.03
DWIGHT STATE REFORM																								.02	.10	.12
EVANSTON PUMP STA																			.05	.02			.01	.15	.23	.46
FAIRBURY WATER WORKS	//																								.03	.03
FREEPORT SEWAGE PLANT																				.01	.04	.08	.07	.11	.10	.41
FULTON DAM 13																				.03	.01	.01	.09	.07	.06	.27
HOOPESTON																				*	*	*	*	*	*	*
ILLINOIS CITY DAM 16																					.05	.07	.15	.10	.12	.49
JACKSONVILLE SEWAGE PL																									.02	.02
KANKAKEE SEWAGE PLANT																									.02	.02
KEWANEE BAKER PARK																	.02	.02	.01		.04	.06	.15	.11	.13	.54
LANARK																				.05	.01	.04	.05	.07	.13	.35
LAWN RIDGE																			.04	.06	.03	.01	.01	.05	.20	.40
LOCKPORT LOCK AND DAM																	.03	.04		.03			.01	.06	.20	.37
LOUISVILLE												.01								.01				.01		.03
MARIETTA																			.01	.01		.03	.03	.11	.07	.26
MASON CITY																									.02	.02
MC HENRY																			.01	.01		.03	.01	.07	.12	.25
MOLINE WB AIRPORT	//																	.02	.04	.05	.08	.15	.20	.15	.12	.81
OREGON POWER PLANT	//																			*	*	*	*	*	*	*
PARIS SEWAGE PLANT																								.04	.01	.05
PEORIA LOCK AND DAM	//																							.01	.24	.25
PEORIA WB AIRPORT																				.02	.01		.01		.12	.16
PITTSFIELD WATER WORKS																				*	*	*	*	*	*	*
PRINCETON 1 S	//																.03	.02			.05	.05	.12	.15	.19	.61
PROPHETSTOWN																			.02		.02	.04	.18	*	*	*
QUINCY CAA	6																			*	*	*	*	*	.18	
QUINCY DAM 21																						.06	.06	.12	.04	.28
RANTOUL CHANUTE AF BASE	//																							.01		.01
ROCKFORD CAA	6																			*	*	*	*	*	.33	
SKOKIE N S TREAT WKS																		.01	.05	.01				.15	.22	.44
SULLIVAN WATER WORKS	//																								.01	.01
URBANA EXP FARM												*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WASHINGTON																									.25	.25
WATERMAN	//																				.03	.01	.11	.20	.15	.50
WENONA																					.01	.01		.02	.20	.24
														—13th—												
ALEXIS WATER WORKS		.15	.05	.01								.01														.22
BEARDSTOWN LA GRANGE DAM	//	.12	.05	.03																						.20
BELLEVILLE SCOTT AF BSE	//						.02	.01	.01																	.04
BELVIDERE SEWAGE PLANT		*	*	*	*	*	.64																			.64
BRADFORD CAA	6	*	*	*	*	*	.46																			
CAIRO WB CITY							.01	.02		.06	.23	.14	.10	.14	.09	.05	.15	.06	.06	.12	.12	.11	.42	.37	.21	2.46
CAMP ELLIS		.18	.17																							.35
CARPENTER 1 SW					.04	.06	.05																			.15
CHICAGO CAL TREAT WKS		.26	.29	.24	.10	.01																				.90
CHICAGO LAKEVIEW PUMP		.21	.25	.26	.09	.03	.01	.02	.02	.02	.02	.02	.02													.97
CHICAGO MAYFAIR PUMP ST		.19	.24	.25	.07	.03	.02	.02	.02	.01	.01															.86
CHICAGO ROSELAND PUMP		.29	.41	.29	.07	.02	.01	.01	.01	.01	.01															1.13
CHICAGO SAN DIST DISPAT		.20	.29	.23	.07	.01																				.80
CHICAGO SAN DIST OFF		.20	.29	.22	.07	.02																				.80

See reference notes following Station Index.

HOURLY PRECIPITATION

Station			A. M. Hour ending											P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO S FILTER PL		.25	.31	.23	.09	.01																			
CHICAGO SPRINGFLD PUMP		.23	.26	.21	.07	.03	.02	.02	.02	.02	.03	.01	.02												.89
CHICAGO UNIVERSITY		.20	.30	.22	.08																				.94
CHICAGO WB AIRPORT		.19	.29	.22	.06	.02																			.80
CHICAGO WB CITY		.20	.32	.20	.04	.02																			.78
CISNE BROWN CAMP																									.78
COLLINSVILLE				.05		.01	.02	.01	.01														.06	.01	.07
CRETE		.28	.27	.19	.07	.02																			.10
DIONA				.02																					.83
DOWNS 2 NE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02
DWIGHT STATE REFORM		.26	.25	.12	.03	.01																			*
EFFINGHAM CAA	//			.01	.02	.01			.06						.01										.67
EVANSTON PUMP STA		.19	.28	.23	.11	.02																			.11
FAIRBURY WATER WORKS	//	.08	.14	.08	.03			.03																	.83
FARMER CITY			.01	.02		.03																			.36
FREEPORT SEWAGE PLANT		.06	.11	.04	.02					.02															.06
FULTON DAM 13		.04	.16	.04																					.25
GALATIA					.06				.05	.02															.24
GLENDALE EXP FARM								.04	.01	.05	.01	.02	.06	.01	.01		.01	.06	.06	.15	.09	.13	.12	.16	.25	1.24
GOLCONDA DAM 51							.07	.01	.02	.02	.01	.05	.07	.05	.05	.07	.09	.09	.10	.09	.15	.13	.31	.22	.20	1.80
HOOPESTON		*	*	*	*	*	.17																		.17
ILLINOIS CITY DAM 16		.16	.02		.01																				.19
JACKSONVILLE SEWAGE PL			.05	.05	.02	.01																			.13
KANKAKEE SEWAGE PLANT		.17	.12	.11	.06																				.46
KEWANEE BAKER PARK		.19	.11	.01	.02																				.33
LANARK		.05	.05	.05																					.15
LAWN RIDGE		.20	.15	.02																					.37
LOCKPORT LOCK AND DAM		.20	.25	.18	.04	.01																			.68
LOUISVILLE			.01	.03						.01	.04	.01													.10
MARIETTA		.25	.12	.01	.01	.01																			.40
MAROA SEWAGE PLANT				.05	.02	.01	.01																		.09
MASON CITY		.06	.07	.03	.02																				.18
MC HENRY		.12	.27	.11																					.50
MOLINE WB AIRPORT	//	.20	.05	.01																					.26
MT CARMEL WATER WORKS										.03															.44
MURPHYSBORO WATER WORKS	//								.06	.01	.01									.04	.03		.02	.10	.22	.88
NEWTON				.02	.02						.03	.01	.01						.07	.08		.09	.26	.17	.13	.09
OREGON POWER PLANT	//	*	.65																						.65
PARIS SEWAGE PLANT						.01	.03				.01														.05
PEORIA LOCK AND DAM	//	.11	.19	.08																					.38
PEORIA WB AIRPORT		.10	.17	.07																					.34
PIPER CITY		.06	.10	.04	.05		.01	.02																	.28
PITTSFIELD WATER WORKS		*	*	*	*	*	*	*	*	.20															.20
PRAIRIE DU ROCHER W WKS																			.02	.02					.04
PRINCETON 1 S	//	.24	.22	.07	.01																				.54
PROPHETSTOWN		*	*	*	*	*	.61																		.87
QUINCY CAA	6	*	*	*	*	*	.15																		
QUINCY DAM 21		.13	.06																						.19
RANTOUL CHANUTE AF BASE	//	.01	.02	.03			.01																		.07
ROCKFORD CAA	6	*	*	*	*	*	.29																		
SKOKIE N S TREAT WKS		.19	.25	.22	.10	.02																			.78
SPRINGFIELD WB AIRPORT	//		.03	.03	.03	.01																	.01		.01	.12
SPRINGFIELD WB CITY			.04	.01	.02	.03																			.10
SULLIVAN WATER WORKS	//	.01	.01	.02			.05																		.09
VANDALIA					.05		.01	.08	.01																.15
WASHINGTON		.17	.20	.11																					.48
WATERMAN	//	.20	.23	.07	.03																				.53
WENONA		.18	.25	.12	.02	.01																			.58
WEST FRANKFORT 8 E										.08	.01	.03								.01	.12	.02	.08	.24	.22	.81
													—14th—												
ALEXIS WATER WORKS							.01	.01		.01	.01	.01														.05
BEARDSTOWN LA GRANGE DAM	//										.08	.02	.01	.02	.05	.03		.01	.06	.06	.02					.36
BELLEVILLE SCOTT AF BSE	//								.02	.05	.14	.05	.04	.03	.10	.01		.01	.02	.17	.67	.28	.23	.13	.06	2.01
BELVIDERE SEWAGE PLANT																	.03	.02	.03	.05	*	*	*	*	.06	.19
BRADFORD CAA	6													*	*	*	*	*	.09							
CAIRO WB CITY		.21	.26	.46	.22	.26	.26	.09	.09	.03							.02								.35	2.25
CAMP ELLIS											.01	.09	.03		.03	.02			.03						.01	.22
CARPENTER 1 SW											.20	.11	.08	.07	.15	.08				.33	.28	.22	.28	.10	.10	2.00
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP														*	*	*	*	*	*	*	*	*	*	*	.30	.30
CHICAGO MAYFAIR PUMP ST														*	*	*	*	*	*	*	*	*	*	*	.13	.13
CHICAGO ROSELAND PUMP																		.01	.04	.11	.11	.04	.06	.02	.01	.40
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL																			.01	.06	.05	.03	.04	.01		.20
CHICAGO SPRINGFLD PUMP														*	*	*	*	*	*	*	*	*	*	*	.34	.34
CHICAGO UNIVERSITY																.01	.01	.01		.05	.06	.03	.03	.02	.02	.24
CHICAGO WB AIRPORT																.01	.02	.01		.06	.06	.03	.03	.02	.02	.26
CHICAGO WB CITY												.01			.01		.01	.01	.01	.05	.10	.01	.02	.02	.03	.28
CISNE BROWN CAMP			.06	.04	.04	.02				.02	.10	.31	.19	.12	.05	.03	.01				.01	.01	.52	.65	.22	2.40
COLLINSVILLE										*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.34	2.34
CRETE														*	*	*	*	*	*	*	*	*	*	.50	.50
DIONA												.35	.21	.07	.07	.09	.13	.02	.01	.01	.04	.42	.31	.25	.16	2.14
DOWNS 2 NE		*	*	*	*	*	*	*	*	.17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DWIGHT STATE REFORM																		.01	.02	.05	.07	.03	.02			.20
EFFINGHAM CAA	//								.01		.01	.32	.19	.09	.07	.13	.11	.02			.05	.62	.23	.20	.17	2.22
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//								*	*	*	*	*	*	*	*	*	*	*	*	*	*	.72			.72
FARMER CITY												.07	.04	.04	.02	.03	.14	.16	.12	.06	.10	.15	.07	.03	.02	1.05
FREEPORT SEWAGE PLANT															.01		.01	.01	.01	.01			.01			.06
FULTON DAM 13																.02	.02	.01	.07							.12
GALATIA		.32	.09	.07	.07				.03	.23	.02								.02	.03				.40	.45	1.73
GLENDALE EXP FARM		.26	.34	.26	.20	.10	.07	.02	.01	.05	.02				.01	.01		.01	.01	.01			.01		.01	1.40
GOLCONDA DAM 51		.12	.33	.22	.23	.18	.10	.17	.05	.07	.10															1.57
HOOPESTON														.05	.08	.02	.10	.06	.12	.37	.10	.25	.30	.12	.06	1.63
ILLINOIS CITY DAM 16															.06	.04	.05									.15
JACKSONVILLE SEWAGE PL											.13	.03	.04	.02	.03	.10	.10	.07	.03	.02	.11	.07				.75
KANKAKEE SEWAGE PLANT													*	*	*	*	*	*	*	*	*	*	*	.64		.64
KEWANEE BAKER PARK														*	*	*	*	*	*	*	*	*	*	*	*	*
LANARK														*	*	*	*	*	*	*	*	*	*	*	.03	.03
LAWN RIDGE												.02	.01	.01		.04	.02		.01	.03						.13
LOCKPORT LOCK AND DAM																			.03	.05	.03					.11
LOUISVILLE				.01	.02	.02			.01	.01	.01	.27	.14	.13	.10	.04	.01					.08	.51	.26	.14	1.76
MARIETTA											.02	.05	.02	.01	.03	.02	.01									.16
MAROA SEWAGE PLANT												.13	.03	.01	.05	.06	.21	.09	.20	.07	.13	.19	.01	.03		1.21
MASON CITY												.08	.03	.02	.01	.06	.06	.06	.08	.07	.03	.05		.03	.02	.60
MC HENRY																	*	*	*	*	*	*	*	*	*	*
MOLINE WB AIRPORT	//															.01	.02	.02	.02						.01	.08
MT CARMEL WATER WORKS		.08	.11	.09	.10	.08	.04	.03		.02	.03	.27	.08							.01	.01				.45	1.40
MURPHYSBORO WATER WORKS	//	.20	.07	.05	.11	.01				.14	.09	.02												.44	.51	1.64
NEWTON											.02	.27	.11	.05	.08	.05	.04	.01				.03	.38	.34	.20	1.58
OREGON POWER PLANT	//																			.01			.01		.01	.03
PARIS SEWAGE PLANT														.03	.38	.21	.07	.11	.05	.10	.03		.01	.11	.75	1.85
PEORIA LOCK AND DAM	//								.01			.05	.05	.02			.02	.01	.04	.01		.01			.01	.23

See reference notes following Station Index.

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PEORIA WB AIRPORT								.01	.01	.03	.04	.04	.01	.01	.01	.02	.05	.05			.01	.01			.30
PIPER CITY																									
PITTSFIELD WATER WORKS																					.71				.71
PRAIRIE DU ROCHER W WKS	.08	.03	.02					.01	.09	.02	.10	.15	.08	.02	.06						.15	.64	.21	.21	1.87
PRINCETON 1 S //															.01	.01	.02	.04	.01					.01	.10
PROPHETSTOWN															.01	.01	.01	.01	.01			.02			.07
QUINCY CAA 6						.02						.28						.11						.02	
QUINCY DAM 21										.09	.04	.03		.03	.07										.26
RANTOUL CHANUTE AF BASE //												.01	.01	.01	.02	.05	.13	.25	.24	.09	.22	.39	.11	.10	1.63
RICHVIEW	.04	.03	.02	.01		.01		.01		.34	.05	.14	.16	.09	.02						.50	.60	.25	.12	2.39
ROCKFORD CAA 6																		.12							
SKOKIE N S TREAT WKS																				.02	.04	.01			.07
SPRINGFIELD WB AIRPORT //							.01	.02	.03	.08	.06	.08	.04	.05	.07	.10	.15	.15	.15	.10	.10	.06	.06	.03	1.29
SPRINGFIELD WB CITY																					.99				.99
SULLIVAN WATER WORKS //											.14	.16	.10	.05	.22	.10	.05	.08	.05	.52	.29	.19	.18	.12	2.25
VANDALIA										.12	.24	.13	.07	.07	.12	.08	.03	.02	.02	.48	.73	.27	.18	.18	2.74
WASHINGTON																					.35				.35
WATERMAN //																								.10	.10
WENONA																						.24			.24
WEST FRANKFORT 8 E	.16	.22	.14	.07	.08	.01				.10	.10	.01												.72	1.61
–15th–																									
ALEXIS WATER WORKS								.02	.02	.06	.03	.02													.15
BEARDSTOWN LA GRANGE DAM //											.01	.06	.06	.02											.15
CAIRO WB CITY	.49	.06				.03	.03	.03	.02																.66
CAMP ELLIS	.01																								.01
CARPENTER 1 SW												.02	.06	.06											.14
CHICAGO LAKEVIEW PUMP						.01								.01											.02
CHICAGO MAYFAIR PUMP ST														.01											.01
CHICAGO ROSELAND PUMP	.01	.01		.01		.01		.01		.01															.06
CHICAGO S FILTER PL	.01	.01												.01	.01										.04
CHICAGO SPRINGFLD PUMP	*	*	*	*	*	.04									.01										.05
CHICAGO WB CITY	.02																								.02
CISNE BROWN CAMP	.15	.03																							.18
DIONA	.07																								.07
DOWNS 2 NE	.84																								1.01
DWIGHT STATE REFORM	.01	.02			.02									*	*	.20									.25
EFFINGHAM CAA //	.05																								.05
FARMER CITY	.01	.01											.01	.01	.02	.04	.01	.02							.13
FREEPORT SEWAGE PLANT	.04	.02								.02															.08
FULTON DAM 13									.01	.01	.04	.01	.02	.03											.12
GALATIA	.12																								.12
GLENDALE EXP FARM	.20	.20	.01	.02	.01			.04	.02	.01															.51
GOLCONDA DAM 51	.38	.10		.08					.04	.01															.61
HOOPESTON	.02																								.02
KEWANEE BAKER PARK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.82							.82
LOUISVILLE	.12	.01	.01																						.14
MARIETTA		.01	.01					.01	.01	.01	.01														.07
MAROA SEWAGE PLANT												.02	.02		.03	.01									.08
MC HENRY	.11																								.11
MOLINE WB AIRPORT //	.01																								.01
MT CARMEL WATER WORKS	.26	.12																							.38
MURPHYSBORO WATER WORKS //	.04	.01																							.05
NEWTON	.15	.01																							.16
OREGON POWER PLANT //	.03																								.03
PARIS SEWAGE PLANT	.20	.23	.12	.03																					.58
PEORIA LOCK AND DAM //		.01											.03	.04											.08
PIPER CITY	*	.71																							.71
PRAIRIE DU ROCHER W WKS	.10	.01	.01																						.12
PRINCETON 1 S //	.01																								.01
PROPHETSTOWN		.01	.01						.01	.02			.01	.01											.07
QUINCY DAM 21										.02	.01	.03													.06
RANTOUL CHANUTE AF BASE //	.06	.01																							.07
RICHVIEW	.01	.01	.01	.01																					.04
ROCKFORD CAA 6	*	*	*	*	*	.01	*	*	*	*	*	.04													
SKOKIE N S TREAT WKS		.01	.02												.01	.04									.08
SULLIVAN WATER WORKS //	.08																								.08
URBANA EXP FARM	*	2.01																							2.01
VANDALIA	.02		.02																						.04
WEST FRANKFORT 8 E	.36	.04																							.40
–16th–																									
CHICAGO S FILTER PL										.01	.02	.01	.01												.05
MOLINE WB AIRPORT //										.01															.01
–19th–																									
GOLCONDA DAM 51													.01	.02											.03
MC HENRY													.04		.01										.05
–20th–																									
CHICAGO CAL TREAT WKS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO UNIVERSITY										.01															.01
QUINCY CAA 6													*	*	*	*	*	.02							
QUINCY DAM 21																							.04	.01	.05
–21st–																									
ALEXIS WATER WORKS			.03	.02	.02	.02	.04	.05	.02	.03															.23
BEARDSTOWN LA GRANGE DAM //				.09	.16	.04	.11	.02	.10	.02															.54
BELLEVILLE SCOTT AF BSE //															.03	.02									.05
BELVIDERE SEWAGE PLANT				02	.01	.10		.01	.01	.03		.01	.01		.02	.01	.02								.25
BRADFORD CAA 6							*	*	*	*	*	.17	*	*	*	*	*	.02							
CAMP ELLIS			.02	.03	.06	.05	.15	.04	.09	.02	.01														.47
CHICAGO CAL TREAT WKS							.01	.03	.03	.06	.04	.04		.02	.03	.08	.02	.02	.03	.01		.01			.43
CHICAGO LAKEVIEW PUMP							.03	.06	.02	.02	.04	.01	.01	.01	.02	.08	.03	.02	.02	.01	.02	.02	.02	.02	.46
CHICAGO MAYFAIR PUMP ST							.02	.06	.03	.02	.05	.01	.01	.02	.02	.07	.05	.01	.01	.01	.01	.01	.01	.01	.43
CHICAGO ROSELAND PUMP								.02	.02	.06	.04	.04	.01	.02	.07	.07	.06	.03	.02		.01	.01		.01	.49
CHICAGO S FILTER PL									.01	.03	.01	.05	.02	.02	.04	.07	.05	.02	.02	.01	.01				.36
CHICAGO SPRINGFLD PUMP							.03	.04	.01	.04	.03		.02	.01	.05	.08	.03	.01	.02	.01	.01	.01	.01	.01	.42
CHICAGO UNIVERSITY								.01	.02	.02	.05	.05		.01	.04	.03	.05	.02	.02	.01	.01	.01	.01		.36
CHICAGO WB AIRPORT							.01	.02	.01	.01	.05	.01	.01	.02	.03	.04	.03	.03	.01	.01	.01	.01			.31
CHICAGO WB CITY							.02	.05		.01	.04	.01	.02	.02	.04	.09	.05	.02	.02	.01	.01				.41
CRETE								.04	.02	.04	.01	.02	.01		.02	.04	.06	.04	.01	.02	.02				.35
DIONA									.01	.02															.03
DOWNS 2 NE							.07	.02	.08	.02	.06	.02	.02	.02	.08										.39
DWIGHT STATE REFORM							.05	.01	.01	.02	.01		.02	.04	.07				.01		.01	.01			.26
EFFINGHAM CAA //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.04	.04
FAIRBURY WATER WORKS //							.03	.07	.07	.06	.02	.02	.04	.03	.04		.01								.39
FARMER CITY								.04	.08	.02	.08	.06	.09	.06	.07	.01	.01	.01						.01	.54
FREEPORT SEWAGE PLANT			.01	.01	.06			.02	.04								.03								.17
FULTON DAM 13			.05	.03	.02		.01		.01	.02	.02	.02	.01												.19
HOOPESTON									.05	.03	.04	.02	.02	.06	.07	.01	.01	.01							.32
ILLINOIS CITY DAM 16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40										.40
JACKSONVILLE SEWAGE PL					.06	.02	.01	.18	.05	.08	.06	.01													.47
KANKAKEE SEWAGE PLANT										.02	.04	.01			.02	.06			.02						.17
KEWANEE BAKER PARK						.02		.02	.04	.02	.01	.02	.04	.01	.01	.01									.20

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LANARK					.02	.09	.01	.01		.02							.02									.17
LAWN RIDGE								.02	.01	.03	.09	.07	.02	.05	.01		.01		.01							.32
LOCKPORT LOCK AND DAM									.02	.07	.05	.03	.02	.01	.02	.08	.03	.02	.02	.01	.01	.01				.40
MARIETTA					.03	.05	.12	.08	.05	.05	.05															.43
MAROA SEWAGE PLANT								.08	.08	.02	.10	.10	.12	.16	.02	.05									.05	.78
MASON CITY							.12	.13	.10	.03	.07	.13	.05													.63
MC HENRY					.01	.01	.05	.10	.02	.01	.03	.04	.01	.01			.02	.01	.01	.01	.01					.35
MOLINE WB AIRPORT	//		.01	.02	.05	.04	.02	.02	.01	.02	.01	.01	.04	.01			.01									.27
MT CARMEL WATER WORKS							.06																			.06
NEWTON		.01	.11	.01																						.13
OREGON POWER PLANT	//					.03	.05	.02	.01	.02	.02	.02	.01	.02	.02	.01	.01	.01								.25
PARIS SEWAGE PLANT													.02	.01												.03
PEORIA LOCK AND DAM	//					.02	.02	.05	.08	.05	.02	.03	.03	.02												.32
PEORIA WB AIRPORT					.01	.01	.02	.06	.07	.03	.02	.03	.03	.01			.01									.30
PIPER CITY									.07	.05	.07	.04	.02	.02	.02	.01	.03	.02								.35
PITTSFIELD WATER WORKS		*	*	*	*	*	*	*	*	*	*	*	*	.40												.40
PRINCETON 1 S	//				.01	.02		.05		.06	.04	.02	.01	.02		.01	.02	.01								.27
PROPHETSTOWN						.01	.02	.01	.01	.05	.03	.02	.02	.02	.01											.20
QUINCY CAA	6	*	*	*	*	*	.34	*	*	*	*	*	.18	*	*	*	*	*	.02							
QUINCY DAM 21		.01		.11	.08	.02	.11	.02	.05																	.40
RANTOUL CHANUTE AF BASE	//								.03	.04	.06	.03	.06	.06	.10	.06	.08	.01						.01		.54
ROCKFORD CAA	6	*	*	*	*	*	.10	*	*	*	*	*	.06	*	*	*	*	*	.01							
SKOKIE N S TREAT WKS								.01	.04	.02	.04	.01			.02	.02	.06		.02		.01	.01				.26
SPRINGFIELD WB AIRPORT	//						.05	.05	.04	.09	.13	.12	.14	.04	.02										.01	.69
SPRINGFIELD WB CITY							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SULLIVAN WATER WORKS	//									.02	.06	.05	.01	.07	.13	.02										.36
URBANA EXP FARM									.02	.03	.03	.03	.05	.11	.06	.09	.07	.03								.52
VANDALIA												.01	.02	.01	.01											.05
WASHINGTON								.05	.10		.03		.02	.04			.01									.25
WATERMAN	//									.02	.02	.01	.04	.03	.02	.01	.01	.01		.01						.18
WENONA								.01	.05	.01	.01		.04	.09	.01	.04	.01	.01								.28
														–22d–												
CHICAGO CAL TREAT WKS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO LAKEVIEW PUMP		.01	.02	.01	.02	.01	.01	.02	.01	.01	.01	.01	.01													.15
CHICAGO MAYFAIR PUMP ST		.01	.01		.01	.01	.01	.01		.01	.01		.01													.09
CHICAGO ROSELAND PUMP		.01		.01		.01		.01		.01		.01														.06
CHICAGO SPRINGFLD PUMP		.01	.01	.01	.01																					.04
DIONA		.04	.01	.02																						.07
FARMER CITY		.17	.21	.16	.01																					.55
HOOPESTON		.01	.04	.13	.07																					.25
KANKAKEE SEWAGE PLANT							.01																			.01
MAROA SEWAGE PLANT		.05	.02	.01																						.08
PARIS SEWAGE PLANT					.02				.03																	.05
PEORIA LOCK AND DAM	//		.02	.01																						.03
PRINCETON 1 S	//	.01																								.01
RANTOUL CHANUTE AF BASE	//	.04	.09	.10	.01																					.24
ROCKFORD CAA	6	*	*	*	*	*	.01																			
SPRINGFIELD WB AIRPORT	//		.01																							.01
SPRINGFIELD WB CITY		*	*	.80																						.80
URBANA EXP FARM									.07																	.07
VANDALIA		.02	.01																							.03
														–23d–												
BELLEVILLE SCOTT AF BSE	//																					.01				.01
BELVIDERE SEWAGE PLANT																						.10	.07	.02	.01	.20
BRADFORD CAA	6																			*	*	*	*	*	.10	
FULTON DAM 13																				.06						.06
LANARK																					.02					.02
MC HENRY																							.05	.13	.01	.19
OREGON POWER PLANT	//																					.28			.02	.30
PRINCETON 1 S	//																					.03				.03
PROPHETSTOWN																						.05				.05
ROCKFORD CAA	6																			*	*	*	*	*	.13	
WATERMAN	//																						.04	.23	.27	.54
														–24th–												
ALEXIS WATER WORKS									.09																	.09
BELLEVILLE SCOTT AF BSE	//	.02	.01	.01	.03	.02	.05	.04	.01	.02	.01		.07	.03		.01										.33
BELVIDERE SEWAGE PLANT		.05	.09								.03	.03	.05	.01												.26
BRADFORD CAA	6							*	*	*	*	*	.06													
CAIRO WB CITY					.01		.01	.03	.07	.03	.03															.18
CAMP ELLIS								.05		.03																.08
CARPENTER 1 SW			.03	.03	.04		.01	.04	.05	.01	.02	.03	.01													.27
CHICAGO LAKEVIEW PUMP									.01		.02	.02	.07	.02	.01	.01	.01	.01	.01	.02	.01	.01				.23
CHICAGO MAYFAIR PUMP ST		.01								.02	.04	.01	.08	.02			.01									.19
CHICAGO ROSELAND PUMP										.01		.03	.02	.03	.01		.01									.11
CHICAGO S FILTER PL										.02	.03	.03	.03	.02	.01											.14
CHICAGO SPRINGFLD PUMP			.01							.01	.02	.01	.05	.02			.01									.13
CHICAGO UNIVERSITY										.02	.01	.03	.03	.02												.11
CHICAGO WB AIRPORT									.01	.02	.03	.04	.06	.04												.20
CHICAGO WB CITY									.01	.02	.02	.02	.04	.02												.13
CISNE BROWN CAMP								.05	.05	.03	.02	.01	.01	.01	.02											.20
COLLINSVILLE			.03	.04	.02	.01	.07		.05	.01	.01	.03	.03		.02											.32
CRETE									.05	.02	.03	.05	.04	.09	.03	.01	.02	.01								.35
DIONA							.04	.02	.02	.03	.02	.03		.08	.02											.26
DOWNS 2 NE						.01	.01	.01	.01	.02			.07	.01		.01										.15
DWIGHT STATE REFORM									.02	.01	.02		.05	.02	.02	.01										.15
EFFINGHAM CAA	//				.01	.01	.01	.02	.07	.01	.01	.01	.01	.02		.01		.01								.20
FAIRBURY WATER WORKS	//							.01		.02			.03	.05			.01	.01								.13
FARMER CITY						.03	.02	.02	.01	.01	.01	.01	.07													.18
FREEPORT SEWAGE PLANT							.02			.01	.01		.01													.05
GALATIA							.04	.05	.07	.02	.04															.22
GLENDALE EXP FARM									.08	.03	.04															.15
GOLCONDA DAM 51								.03	.02	.04	.03															.12
HOOPESTON								.03	.03	.03	.01			.05	.03		.01	.02								.21
ILLINOIS CITY DAM 16			.03	.02					.03	.01																.09
JACKSONVILLE SEWAGE PL									.03	.03	.04			.03												.13
KANKAKEE SEWAGE PLANT								.01	.01	.01	.03	.02	.01	.07		.01	.01									.18
KEWANEE BAKER PARK									.03	.02	.03															.08
LANARK					.01	.02				.05	.02															.10
LAWN RIDGE							.01	.02			.04	.03														.10
LOCKPORT LOCK AND DAM									.05	.04	.04	.04	.06	.01	.01	.01										.26
LOUISVILLE						.01	.01		.05	.02	.03	.03	.01	.03												.19
MARIETTA					.01	.02	.01	.02		.03																.09
MAROA SEWAGE PLANT					.01	.06	.02	.01		.05	.08	.04	.06	.04												.37
MASON CITY										.01		.03	.03													.07
MC HENRY		.13	.08	.01	.05	.01					.01	.04	.04	.06												.43
MOLINE WB AIRPORT	//			.03	.02					.05	.01															.11
MT CARMEL WATER WORKS		.01	.01						.03	.05	.03	.02	.01	.01		.01										.18
MURPHYSBORO WATER WORKS	//				.02	.03	.02	.03	.03		.02															.15
NEWTON							.02		.05	.04	.03	.03	.01	.03	.02											.23
OREGON POWER PLANT	//	.05	.05		.03					.03	.05	.07	.02													.30
PARIS SEWAGE PLANT										.01	.02	.04		.03	.05	.03			.02							.20
PEORIA LOCK AND DAM	//					.01	.01	.02	.03	.02	.03	.02														.14

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PEORIA WB AIRPORT							.01	.02	.02	.02	.04	.01		.01												.13
PIPER CITY							.02	.02		.01				.09		.01	.01	.01								.17
PITTSFIELD WATER WORKS			.02	.01	.02				.02	.01	.02															.10
PRAIRIE DU ROCHER W WKS		.02	.02	.02	.02	.05	.07	.06	.02	.01																.29
PRINCETON 1 S	//		.03	.01							.03	.01														.08
PROPHETSTOWN										.03	.15															.18
RANTOUL CHANUTE AF BASE	//					.02	.03	.03	.03	.01		.01	.03	.07	.01		.01									.25
RICHVIEW				.01	.01	.01	.02	.03	.04	.03	.01	.01	.01	.01	.01											.20
ROCKFORD CAA	6							*	*	*	*	*	.10													
SKOKIE N S TREAT WKS		.05	.01					.01	.01	.03	.05	.01	.05	.01												.23
SPRINGFIELD WB AIRPORT	//			.01		.01					.01	.05	.02													.10
SPRINGFIELD WB CITY					.01				.01		.02	.05		.01		.01										.11
SULLIVAN WATER WORKS	//						*	*	*	*	.08		.01		.06	.01	.01									.17
URBANA EXP FARM						.02	.03	.03		.02		.01	.01	.10			.01									.23
VANDALIA		.01	.02	.01	.02	.01	.03	.03		.04	.02	.02	.02	.02												.25
WASHINGTON							.02	.03	.05		.03	.07														.20
WATERMAN	//	.05	.03		.02	.01			.02	.05	.05	.05	.02													.30
WENONA									.03	.01		.04	.02													.10
WEST FRANKFORT 8 E								.04	.07	.07	.02															.20
												–27th–														
BEARDSTOWN LA GRANGE DAM	//	.01	.03	.06	.05	.10	.05	.05	.05	.03	.01	.01														.45
CAIRO WB CITY													.05	.02												.07
CAMP ELLIS				.03	.02	.01	.02																			.08
CARPENTER 1 SW												.03	.03	.02												.08
CHICAGO ROSELAND PUMP										.03	.01															.04
CHICAGO S FILTER PL										.03	.02	.02	.03	.01	.01	.02	.01									.15
CHICAGO UNIVERSITY										.01		.01	.03	.01	.01											.07
CHICAGO WB AIRPORT												.01	.01	.01												.03
CHICAGO WB CITY												.01	.02													.03
COLLINSVILLE													.02	.04	.01											.07
CRETE										.03	.04	.03	.04	.01	.02	.01	.01									.19
DIONA															.04	.04	.04									.12
DOWNS 2 NE								.03		.01	.01	.02	.01	.04												.14
DWIGHT STATE REFORM									.01	.01	.02	.02	.01	.01	.02	.01										.11
EFFINGHAM CAA	//													.02	.02	.01										.05
FAIRBURY WATER WORKS	//							.01	.03	.04	.02	.05	.02	.02	.02	.01	.01									.23
FARMER CITY												.02	.04	.01	.02											.09
GALATIA														*	*	*	.08									.08
GOLCONDA DAM 51																.01	.02	.02								.05
HOOPESTON															.03	.04	.01									.08
JACKSONVILLE SEWAGE PL								.01	.02	.01	.04	.04	.01	.05												.18
KANKAKEE SEWAGE PLANT											.02	.03	.01	.02	.01	.01	.01	.01								.12
LAWN RIDGE								*	*	*	*	*	*	*	*	*	*	*	.05							.05
LOCKPORT LOCK AND DAM											.01	.02			.02											.05
LOUISVILLE													.01	.02		.04	.02	.02								.11
MARIETTA				.02	.02	.03	.03																			.10
MAROA SEWAGE PLANT														*	*	*	*	*	.07							.07
MASON CITY							.02	.05		.01	.02	.03	.02	.05	.01	.02										.23
MOLINE WB AIRPORT	//									.01																.01
MT CARMEL WATER WORKS																	.03	.04		.01						.08
MURPHYSBORO WATER WORKS	//											.02														.02
NEWTON																.03	.03	.02								.08
PEORIA LOCK AND DAM	//			.01	.01		.02			.01	.01			.01	.03											.12
PEORIA WB AIRPORT					.01	.01	.01	.01	.01	.02	.01	.01	.01													.10
PIPER CITY										.04	.04	.04	.02	.01	.01	.02	.01									.19
PITTSFIELD WATER WORKS								*	*	*	*	*	*	*	*	*	*	*	.15							.15
PRAIRIE DU ROCHER W WKS											.01	.02	.02	.01												.06
PRINCETON 1 S	//																			*	*	*	*	*	.03	.03
QUINCY CAA	6	*	*	*	*	*	.21	*	*	*	*	*	.02													
QUINCY DAM 21		.04	.07	.07	.03		.02		.02	.01	.02	.01														.29
RANTOUL CHANUTE AF BASE	//													.02	.03	.03	.01									.09
RICHVIEW													.03	.03												.06
SPRINGFIELD WB AIRPORT	//									.01	.01	.02	.01	.01	.01											.07
SPRINGFIELD WB CITY								*	*	*	*	*	*	*	*	*	*	*	.21							.21
SULLIVAN WATER WORKS	//													.03	.02	.02										.07
URBANA EXP FARM															.03	.02										.05
VANDALIA													.03	.02	.05	.03										.13
WASHINGTON								.04				.03	.04	.01												.12
WENONA										.02	.01	.01	.01	.03	.01	.01										.10
WEST FRANKFORT 8 E														.02			.01	.01								.04
												–28th–														
CHICAGO CAL TREAT WKS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO LOYOLA UNIV		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO N BRA PUMP STA		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO SAN DIST DISPAT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO SAN DIST OFF		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
EVANSTON PUMP STA		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GLENDALE EXP FARM											*	*	*	*	*	*	*	*	*	.07						.07
HUDSON LK BLOOMINGTON		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LOCKPORT POWER HOUSE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
STICKNEY W SIDE TREAT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	20	22	32	32	20	32	33	40	32	30	42	45	40	32	35	32	45	53	45	33	35	37	41	45	35	37	36	27				35.3
	MIN	8	-02	18	7	8	14	0	23	7	10	12	29	15	8	15	18	11	38	32	30	30	31	28	29	23	27	26	12				17.8
ALTON DAM 26	MAX	38	37	35	36	30	39	41	59	44	34	47	58	60	33	41	43	52	63	55	40	41	42	51	46	46	48	38	37				44.3
	MIN	14	13	15	22	20	19	16	28	20	19	20	26	26	23	24	22	22	29	31	32	34	31	31	31	29	29	25	18				23.9
ANNA	MAX	39	40	39	39	36	49	46	62	58	42	51	60	62	52	67	52	51	62	61	59	59	54	49	52	49	55	46	35				50.9
	MIN	11	16	29	29	25	26	18	33	25	28	23	42	38	32	35	28	24	35	41	33	33	34	31	42	29	29	31	20				29.3
ANTIOCH	MAX	21	16	30	27	28	30	30	39	30	23	37	42	37	25	31	31	40	47	41	32	32	35	33	41	34	35	34	27				32.4
	MIN	11	-06	10	10	-03	4	2	23	2	15	4	33	24	8	12	20	8	36	30	25	27	32	25	27	22	21	25	11				16.4
AURORA COLLEGE	MAX	23	20	31	30	25	32	31	40	30	25	39	41	37	27	31	32	42	51	42	41	36	37	37	42	31	38	35	26				34.0
	MIN	13	-02	17	3	-10	7	-04	22	6	15	10	34	24	13	15	23	12	34	29	29	28	32	25	31	24	20	26	13				17.5
BELLEVILLE SCOTT AF BSE	MAX	37	38	38	38	37	41	41	64	41	33	48	62	61	58	40	47	51	64	58	45	50	46	51	52	45	48	40	38				46.9
	MIN	17	16	22	24	26	25	19	25	24	23	23	23	29	29	28	26	26	28	34	34	35	30	32	32	31	31	27	20				26.4
BLOOMINGTON NORMAL	MAX	30	30	35	35	32	35	37	46	41	36	43	49	51	32	33	35	45	56	55	39	43	43	45	45	35	40	40	29				39.8
	MIN	12	8	24	15	2	21	7	30	15	17	12	34	28	28	21	27	18	36	35	33	32	33	30	35	26	26	29	16				23.1
CAIRO WB CITY	MAX	36	42	42	40	36	50	44	63	47	43	53	62	62	69	59	53	53	60	58	52	63	55	51	54	45	57	46	38				51.2
	MIN	20	28	33	33	29	31	28	38	32	33	30	48	39	38	39	34	33	38	45	40	40	37	35	43	33	34	32	25				34.6
CARLINVILLE 4 E	MAX	35	36	38	35	29	39	40	56	39	30	48	59	58	32	34	42	48	61	52	39	48	45	49	48	37	47	42	30				42.7
	MIN	13	12	28	25	12	29	8	27	17	18	20	38	27	21	25	21	19	43	32	32	34	31	28	36	28	28	27	18				24.9
CARLYLE	MAX	36	39	40	37	32	41	43	62	44	35	50	62	62	36	41	49	53	64	59	48	52	47	52	51	41	50	43	32				46.5
	MIN	14	17	27	25	23	26	18	31	20	22	22	39	30	26	28	24	24	36	32	31	34	31	30	38	29	29	27	18				26.8
CHARLESTON	MAX	37	38	39	37	33	38	39	58	44	33	45	61	55	39	45	48	47	62	59	52	46	46	47	47	41	50	46	31				45.1
	MIN	11	9	25	27	14	20	14	32	23	23	18	38	35	28	28	25	21	34	35	34	36	34	32	39	27	28	30	19				26.4
CHICAGO UNIVERSITY	MAX	25	23	33	30	28	35	30	41	31	28	40	45	37	32	33	35	42	54	41	34	41	37	41	44	33	38	36	25				35.4
	MIN	12	3	23	13	6	13	8	22	13	20	19	36	27	19	20	20	16	38	34	31	32	34	32	33	26	29	25	15				22.1
CHICAGO WB AIRPORT	MAX	25	25	33	30	28	34	32	41	31	27	41	44	38	32	32	34	42	55	44	34	39	36	40	44	32	42	36	24				35.5
	MIN	10	2	21	5	0	11	5	19	11	16	14	36	25	18	19	18	14	36	33	31	32	33	30	32	26	28	24	14				20.1
CHICAGO WB CITY	MAX	25	25	33	31	28	34	33	44	32	29	41	46	38	34	34	36	42	54	44	35	42	37	42	47	33	37	38	25				36.4
	MIN	13	5	25	15	13	12	10	23	14	21	21	37	27	18	19	20	17	39	34	31	32	35	34	33	27	30	25	16				23.1
CICERO	MAX	26	25	33	32	30	34	33	42	35	27	41	45	43	32	33	35	43	56	46	36	38	40	38	44	34	42	37	29				36.8
	MIN	16	1	20	15	3	12	4	26	10	20	14	30	29	17	18	25	14	31	34	31	31	33	29	33	26	27	28	14				21.1
DANVILLE	MAX	33	27	36	37	33	36	36	54	39	29	43	57	57	43	41	46	44	58	59	42	45	45	43	46	36	44	41	30				42.4
	MIN	14	8	20	22	11	21	13	32	20	19	14	32	33	26	27	25	19	37	36	33	33	35	33	35	29	26	28	19				25.0
DECATUR	MAX	36	35	36	35	35	37	42	55	42	30	46	55	59	32	35	42	50	62	53	37	43	44	49	46	33	47	39	29				42.3
	MIN	14	10	25	20	11	24	14	31	19	19	18	38	27	23	24	24	20	35	36	32	34	32	31	32	26	27	27	16				24.6
DIXON	MAX	24	20	31	29	27	32	36	41	30	25	40	41	35	19	33	33	42	50	41	35	35	35	42	43	33	37	35	28				34.0
	MIN	11	-05	15	4	-03	13	-03	23	5	15	11	34	19	8	13	19	11	36	29	27	29	32	28	31	26	21	24	12				17.3
DU QUOIN	MAX	41	41	41	40	40	38	44	61	59	42	51	61	63	41	56	51	52	62	61	52	57	50	52	51	53	53	48	35				49.9
	MIN	16	19	26	30	26	20	19	31	25	28	23	43	39	31	33	28	24	33	40	34	35	35	33	34	31	31	32	20				29.3
EAST ST LOUIS	MAX	39	38	38	39	32	44	43	64	45	35	50	65	64	33	41	47	55	67	57	46	52	48	52	53	43	50	45	36				47.2
	MIN	17	15	29	27	26	28	20	35	24	22	25	39	30	26	29	25	26	37	35	35	35	33	32	39	32	31	31	20				28.7
EFFINGHAM CAA	MAX	35	36	39	37	33	39	39	56	42	30	44	61	58	44	39	48	49	62	58	42	47	44	48	48	33	49	45	35				44.1
	MIN	10	13	25	19	14	21	15	29	22	20	20	38	30	29	26	25	22	34	34	35	37	32	32	32	29	28	25	18				25.5
ELIZABETHTOWN	MAX	38	40	43	40	36	56	48	65	63	44	54	62	63	70	63	52	54	62	57	53	64	60	52	54	51	55	53	37				53.2
	MIN	15	19	28	26	27	26	19	33	28	28	22	51	43	36	38	27	24	33	42	34	36	40	34	44	31	31	35	22				31.2
FAIRFIELD	MAX	39	40	40	40	31	51	38	61	51	40	49	65	59	47	41	50	49	64	54	54	54	50	50	51	50	49	49	35				48.3
	MIN	9	17	25	30	25	21	18	29	36	23	21	39	40	30	30	27	22	30	38	28	35	35	35	42	31	31	29	22				28.5
FLORA	MAX	38	38	40	35	38	42	42	61	56	39	48	65	60	42	50	51	53	63	59	53	50	49	50	50	46	50	46	33				48.1
	MIN	11	13	20	26	21	20	15	27	22	25	19	33	35	28	29	23	22	28	34	33	32	31	31	39	28	28	26	18				25.6
FREEPORT	MAX	20	15	30	29	25	30	31	40	26	24	38	41	34	15	31	30	41	46	36	27	34	35	38	42	33	38	34	24				31.7
	MIN	7	-15	13	7	-10	6	-10	4	-04	7	4	12	14	2	8	13	4	32	25	24	27	27	24	29	23	20	23	10				11.6
FULTON DAM 13	MAX	22	20	30	29	25	32	34	38	29	29	40	42	33	19	33	33	44	50	48	35	34	38	40	46	37	35	36	30				34.3
	MIN	11	-04	14	4	-04	11	-02	27	4	12	8	32	18	5	13	23	9	38	30	27	28	30	26	31	26	24	30	13				17.3
GALESBURG	MAX	28	25	34	23	29	33	36	43	33	28	42	44	32	24	36	33	47	55	40	35	37	36	44	45	34	38	35	25				35.5
	MIN	14	3	21	10	5	10	4	21	12	13	20	32	19	12	20	20	19	36	32	32	31	33	30	27	25	32	21	13				20.3
GALVA	MAX	27	23	34	31	29	36	35	43	35	30	41	45	40	26	36	36	47	55	45	36	37	38	43	44	34	39	38	27				36.8
	MIN	9	-01	17	4	-04	16	-01	25	7	11	10	33	18	9	16	14	13	36	29	30	29	30	28	29	25	25	22	12				17.5
GOLCONDA DAM 51	MAX	39	42	41	40	35	54	44		56	40	50	62	62	66	66	52	52	60	52	46	61	50	50	52	40	52	46	36				49.9
	MIN	15	20	32	29	27	28	23	30	36	27	24	44	38	35	34	30	28	36	40	36	35	34	35	34	30	32	28	22				30.8
GREENVILLE	MAX	38	37	38	37	32	39	42	62	45	32	48	60	60	33	37	47	52	64	59	45	48	48	51	50	39	49	43	32				45.3
	MIN	14	14	26	24	22	25	15	31	21	22	21	35	31	25	27	24	22	31	33	32	33	32	31	39	29	29	28	18				26.2
GRIGGSVILLE	MAX	34	31	37	35	30	36	40	48	41	31	48	57	43	28	38	38	52	64	56	48	42	40	50	44	37	44	42	31				41.6
	MIN	10	4	25	15	10	22	11	31	12	10	18	40	20	13	19	25	20	33	30	27	22	28	27	29	21	25	25	13				20.9
HARRISBURG	MAX	46	42	43	40	34	54	46	65	56	41	54	64	63	58	69	53	55	64	56	53	62	56	53	51	50	53	46	36				52.3
	MIN	12	13	29	30	27	26	20	31	28	29	23	43	40	35	36	26	24	30	41	34	33	35	35	43	32	30	31	23				20.0
HAVANA	MAX	32	29	37	33	29	36	38	47	34	32	44	48	46	29	34	36	48	57	54	37	42	42	47	46	34	42	38	30				39.3
	MIN	12	5	21	5	1	20	5	29	14	14	17	37	20	15	20	25	18	33	30	31	32	31	27	32	25	28	27	15				21.0
HENRY	MAX	29	24	33	32	31	34	34	45	37	28	43	48	37	25	35	36	46	54	44	34	36	37	45	44	32	40	35	29				36.7
	MIN	13	2	21	9	-04	17	4	29	10	15	14	37	21	14	18	22	15	37	29	31	31	31	28	31	27	26	29	16				20.5
HILLSBORO	MAX	37	37	38	37	30	38	41	58	45	37	50	59	59	33	34	44	51	63	54	45	47	47	50	48	42	50	43	30				44.5
	MIN	14	13	26	25	16	26	15	33	20	20	20	39	28	25	26	24	21	36	34	32	35	32	31	41	28	31	28	15				26.2
HOOPESTON	MAX	32	27	36	34	32	35	37	51	37	28	42	50	53	34	35	41	44	58	53	42	43	42	43	46	35	43	40	30				40.1
	MIN	14	6	19	20	6	19	11	31	19	20	14	36	33	25	25	24	18	34	35	32	32	33	31	35	28	26	30	19				24.1
JACKSONVILLE	MAX	36	34	39	34	30	37	41	50	40	34	48	60	53	32	38	39	51	64	53	35	44	42	50	47	37	43	42	35				42.5
	MIN	10	8	28	20	7	27	8	33	16	14	19	38	25	18	22	24	20	36	29	31	33	31	26	35	26	29	30	15				23.5
JOLIET WB AIRPORT	MAX	26	23	32	28	24	34	31	40	30	26	39	43	35	32	30	33	41	52	47	33	39	36	40	43	31	39	26	24				34.2
	MIN	10	2	20	-08	-10	7	-06	19	11	12	11	35	23	17	19	17	14	32	32	30	32	31	29	31	24	27	23	16				17.9

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KANKAKEE	MAX	28	25	33	32	23	35	32	44	33	28	40	45	45	32	33	35	41	53	51	38	41	42	40	44	37	40	37	29				37.0
	MIN	16	4	18	11	-06	4	3	25	14	19	9	35	28	21	22	25	16	34	33	31	31	33	31	33	27	26	28	16				21.0
KANKAKEE 4 W	MAX	27	26	33	33	23	34	32	43	37	30	39	44	43	32	32	33	40	52	48	39	40	40	40	44	35	39	38	30				36.6
	MIN	15	3	18	13	-12	-01	0	25	13	19	13	35	31	20	22	24	15	33	32	31	31	32	30	34	27	26	29	17				20.5
LA HARPE	MAX	29	25	35	33	32	32	37	43	34	32	45	45	33	20	35	38	48	55	51	34	37	36	46	46	36	41	38	38				37.6
	MIN	8	0	22	5	-04	18	4	15	9	10	15	32	11	11	18	24	16	38	29	27	31	33	28	30	30	26	26	11				18.7
LA SALLE	MAX	27	23	34	32	29	35	35	45	34	30	42	48	38	27	35	35	46	57	46	35	38	38	44	44	32	40	36	30				37.0
	MIN	17	3	21	10	8	17	6	28	11	16	15	35	22	14	19	23	17	38	29	30	32	33	30	32	28	27	29	16				21.6
LINCOLN	MAX	33	31	36	33	30	36	38	50	36	30	45	52	53	32	33	37	46	58	49	37	43	43	47	46	33	42	37	28				39.8
	MIN	14	7	24	14	4	22	11	31	16	16	17	37	25	20	23	25	19	35	33	32	33	32	31	32	26	28	27	16				23.2
MARENGO	MAX	22	19	30	26	28	30	33	41	30	23	38	40	36	21	31	31	41	46	37	34	34	34	38	40	32	40	36	24				32.8
	MIN	11	-07	M	8	-09	-03	-03	25	2	10	4	34	18	8	12	19	9	36	30	26	28	28	29	32	24	22	24	12				15.6
MATTOON	MAX	32	31	36	35	30	35	35	53	35	28	40	57	55	40	35	43	44	58	57	39	44	45	45	47	32	46	42	28				41.0
	MIN	16	10	25	18	14	22	21	29	21	19	20	35	29	27	28	26	22	33	35	34	36	33	32	31	27	28	24	18				25.5
MC LEANSBORO	MAX	36	41	40	40	34		42	62	57	42	50	64	62	43	65	50	52	63	57	57	57	54	53	52	52	55	50	36				50.6
	MIN	12	17	27	30	25	26	18	29	26	29	21	40	40	32	34	27	24	31	42	34	35	35	34	42	31	29	32	21				29.4
MOLINE WB AIRPORT	MAX	21	24	32	23	28	32	33	40	31	29	40	45	32	19	34	31	45	51	36	33	35	37	46	46	33	36	34	22				33.9
	MIN	4	-04	23	-01	-03	9	0	15	7	10	11	29	9	8	15	10	10	34	29	30	31	29	28	27	25	27	19	12				15.8
MONMOUTH	MAX	24	20	33	30	26	25	31	40	31	23	40	42	31	25	33	33	43	51	34	33	35	36	44	37	33	38	35	29				33.4
	MIN	8	-01	15	2	-03	-01	-01	21	8	10	13	30	9	11	16	19	14	33	28	28	31	30	27	33	22	25	23	11				16.5
MORRIS 3 NE	MAX	26	24	33	33	27	35	34	40	36	31	41	44	41	29	31	33	43	53	46	41	37	39	41	44	36	41	36	30				36.6
	MIN	14	2	19	7	-09	-01	-01	24	10	18	13	35	28	16	19	25	15	36	29	30	30	32	28	35	27	25	30	16				19.7
MORRISON	MAX	23	18	30	27	26	32	35	43	32	28	40	43	34	20	36	32	45	50	43	36	34	36	40	44	35	36	35	29				34.4
	MIN	9	-06	15	4	-05	9	-04	20	2	10	7	30	15	5	11	14	8	36	29	26	28	30	25	29	25	23	25	11				15.4
MORRISONVILLE 3 E	MAX	35	35	36	36	30	37	40	54	42	30	46	56	58	33	33	40	47	60	58	37	46	45	48	47	38	47	40	28				42.2
	MIN	10	M	23	19	25	22	11	30	15	15	16	35	24	20	22	21	19	31	29	28	32	28	29	34	26	24	24	14				22.6
MT CARMEL	MAX	38	40	42	42	35	50	42	62	55	45	48	65	62	55	60	57	52	53	55	52	54	52	52	55	50	52	50	35				50.4
	MIN	15	20	28	30	23	25	20	32	27	28	21	37	44	35	35	40	28	23	35	36	35	35	35	45	32	30	30	20				30.1
MOUNT CARROLL	MAX	21	18	30	29	25	30	32	41	29	25	39	42	34	18	33	30	44	48	43	32	34	37	39	43	34	36	34	26				33.1
	MIN	9	-10	14	6	-05	8	-07	20	2	14	5	32	16	4	1	16	9	33	30	26	27	30	27	30	25	23	25	11				15.0
MT VERNON	MAX	39	41	40	37	34	46	44	63	50	34	50	62	59	40	50	50	52	65	60	49	55	48	53	50	42	55	40	34				47.9
	MIN	11	12	23	25	22	22	12	27	20	23	19	35	33	28	35	22	19	28	34	29	31	30	29	39	27	27	29	16				25.3
NEW BURNSIDE	MAX	38	42	42	40	34	51	44	62	51	40	52	62	62	59	69	51	52	63	59	50	61	54	52	52	48	55	44	35				50.9
	MIN	12	12	30	29	26	22	15	31	26	24	19	42	38	33	34	25	20	32	42	32	29	34	32	42	30	27	28	20				28.1
OLNEY	MAX	37	38	41	37	41	40	37	61	47	35	44	64	60	44	55	50	49	63	55	50	49	48	50	49	38	50	45	31				46.7
	MIN	10	15	26	27	26	17	29	23	25	22	20	32	35	31	30	26	22	33	38	35	36	34	34	37	31	30	29	21				27.6
OTTAWA	MAX	29	23	33	32	27	34	36	44	33	28	41	45	39	30	33	35	45	55	44	38	39	38	41	43	33	37	36	30				36.5
	MIN	15	3	20	10	-04	16	4	26	11	16	15	36	24	15	18	24	16	37	29	31	31	33	28	33	29	26	29	16				21.0
PALESTINE	MAX	36	36	41	37	35	45	40	60	44	34	45	65	60	56	50	50	50	63	56	46	48	48	48	48	36	50	47	32				46.6
	MIN	13	16	26	27	19	23	17	30	26	23	21	37	38	32	30	26	28	33	34	40	36	35	34	35	30	30	28	22				28.3
PANA	MAX	37	38	41	37	34	41	40	56	38	32	49	57	62	35	38	47	49	61	60	38	45	46	50	50	38	59	40	31				44.6
	MIN	12	11	26	23	13	25	13	30	20	20	18	37	28	20	26	23	21	33	34	32	35	31	32	37	27	27	27	17				24.9
PARIS WATER WORKS	MAX	34	32	38	37	35	38	38	56	41	30	43	62	58	42	46	47	46	61	59	47	45	49	45	47	36	48	43	31				44.1
	MIN	10	8	12	25	13	21	14	31	23	23	17	37	35	29	28	28	21	36	37	34	36	35	32	36	29	27	31	21				26.0
PEORIA WB AIRPORT	MAX	29	27	34	31	28	34	35	43	33	27	43	46	34	28	33	35	45	54	39	34	41	35	45	43	32	40	35	25				36.0
	MIN	10	3	25	-01	-02	9	4	20	12	14	17	34	18	14	19	18	17	34	31	31	32	31	28	27	25	27	21	14				19.0
PONTIAC	MAX	30	27	34	33	26	35	34	45	34	31	41	47	46	31	32	35	43	55	45	37	42	42	43	44	33	40	36	29				37.5
	MIN	14	5	21	14	-02	11	5	28	14	17	16	36	27	17	21	26	17	36	33	31	31	32	30	32	28	26	28	17				21.8
QUINCY	MAX	32	30	37	33	32	34	45	47	37	32	54	53	33	24	40	36	53	60	49	34	39	40	49	48	40	43	38	38				40.4
	MIN	12	4	27	11	10	20	14	26	13	10	21	33	17	13	18	20	22	39	30	27	27	30	30	30	24	27	27	15				21.3
QUINCY CAA	MAX	30	30	36	29	32	34	40	43	37	39	51	53	31	24	38	35	51	58	41	33	39	38	48	46	38	44	37	27				38.6
	MIN	9	4	29	7	6	14	11	19	12	10	21	31	15	13	18	20	20	35	28	26	32	27	28	29	22	26	21	14				19.5
RANTOUL CHANUTE AF BASE	MAX	32	28	34	33	32	36	36	50	38	29	42	50	54	35	30	40	43	58	52	38	42	42	42	46	38	45	37	25				39.5
	MIN	16	10	22	11	9	17	12	27	19	17	16	37	28	23	25	23	21	35	33	33	32	34	31	30	28	27	26	18				23.6
ROBERTS 3 N	MAX	30	25	34	34	31	35	30	45	38	32	40	46	49	32	33	35	41	53	50	40	42	41	42	45	45	42	44	38				39.0
	MIN	14	3	20	9	-03	9	3	26	15	16	14	34	29	20	23	26	19	34	34	31	30	32	30	35	28	25	30	18				21.6
ROCKFORD	MAX	21	17	30	28	28	31	31	41	29	25	36	43	37	24	33	32	42	49	42	34	34	34	37	42	33	40	35	28				33.4
	MIN	11	-07	12	5	-01	M	M	15	M	17	10	33	22	5	11	20	9	35	30	25	27	31	27	32	24	28	27	11				16.8
ROCKFORD CAA	MAX	19	19	29	20	25	30	29	40	28	23	36	42	35	20	30	30	40	46	36	30	35	34	40	42	29	37	34	21				31.4
	MIN	-01	-08	19	-10	-10	4	-04	12	0	6	-02	33	10	5	8	10	7	30	28	24	27	28	26	28	23	22	21	12				12.4
RUSHVILLE	MAX	32	29	37	32	32	33	40	45	38	30	45	50	41	26	38	37	50	59	58	36	42	38	47	45	35	41	39	30				39.5
	MIN	11	5	25	13	3	24	7	29	13	13	13	36	19	9	19	24	18	35	30	30	36	31	26	31	24	27	26	15				21.1
SPARTA	MAX	39	41	40	39	32	45	44	66	58	39	52	64	60	35	47	50	53	65	57	57	59	57	52	55	49	53	45	34				49.5
	MIN	22	17	23	29	25	24	15	32	24	25	20	40	35	28	31	27	22	31	36	33	32	35	31	40	30	29	29	20				28.0
SPRINGFIELD WB AIRPORT	MAX	33	32	36	33	29	36	38	48	38	29	46	56	56	32	33	37	46	58	47	36	44	37	41	47	31	45	37	27				39.8
	MIN	12	9	28	10	5	14	12	24	17	16	21	39	22	20	23	23	21	36	32	32	34	31	32	29	26	28	24	17				22.8
SPRINGFIELD WB CITY	MAX	34	32	37	34	29	38	39	53	38	32	46	56	56	33	33	40	46	60	50	37	45	39	48	48	32	44	40	28				41.0
	MIN	17	10	29	16	13	19	16	26	19	18	22	39	23	20	24	26	24	36	34	33	35	32	33	31	27	29	25	18				24.8
STOCKTON	MAX	17	12	27	27	27	28	30	37	26	23	37	39	31	17	29	27	41	45	41	30	32	35	36	36	32	35	32	27				30.6
	MIN	6	-12	9	1	-05	9	-01	22	-01	11	5	31	17	0	6	17	6	35	27	25	26	29	24	26	22	20	26	8				13.9
SYCAMORE	MAX	23	19	31	26	26	30	31	39	32	25	39	41	35	23	34	32	43	51	51	33	35	36	37	36	31	38	35	24				33.4
	MIN	0	-05	15	2	2	5	5	15	2	10	6	31	20	8	12	16	11	33	31	26	27	29	26	23	23	24	22	11				15.4
TABLE GROVE	MAX	34	27	38	34	31	33	41	45	37	29	44	47	34	25	38	34	47	58	49	33	40	36	45	45	31	41	36	26				37.8
	MIN	13	3	22	9	5	17	7	26	12	12	17	34	20	13	19	25	18	37	30	29	32	31	28	30	24	27	26	14				20.7
TUSCOLA	MAX	38	33	36	35	33	36	37	55	44	33	42	57	55	35	37	45	44	59	57	50	44	44	44	46	38	46	43	34				42.9
	MIN	9	10	21	14	12	22	13	31	21	22	17	36	30	26	27	25	20	34	33	34	33	34	32	38	28	28	33	19				25.1

See reference notes following Station Index.

Table 5–Continued

DAILY TEMPERATURES

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
URBANA	MAX	34	29	35	34	31	36	36	51	37	30	42	53	45	35	34	41	44	58	55	40	43	42	43	46	33	44	41	30				40.1
	MIN	12	9	22	22	10	18	12	31	19	21	17	36	30	23	24	25	19	34	33	33	32	34	31	33	28	26	30	18				24.4
VIRDEN	MAX	34	34	37	34	30	37	38	53	39	35	46	57	52	32	35	38	48	61	50	39	45	45	48	47	35	45	44	29				41.7
	MIN	12	11	27	20	11	22	14	33	17	17	20	32	27	21	24	25	22	34	33	32	35	31	31	35	27	28	27	17				24.5
WALNUT	MAX	22	20	33	32	23	31	33	41	29	27	40	45	16	21	33	32	42	50	47	36	35	36	42	44	32	36	37	34				33.9
	MIN	10	-02	11	5	-04	11	2	27	6	12	10	34	20	9	15	23	12	37	30	28	30	31	28	31	26	25	28	13				18.1
WATSEKA	MAX	31	25	34	33	26	35	36	45	38	29	40	46	50	33	33	38	42	55	52	41	42	42	41	44	35	41	36	30				38.3
	MIN	16	6	18	16	-06	7	6	23	15	20	13	35	31	23	24	26	17	35	32	32	31	33	30	34	28	26	29	18				22.1
WAUKEGAN	MAX	20	23	32	28	29	31	31	40	32	25	38	42	38	32	33	33	42	50	41	34	35	38	39	43	34	35	37	28				34.4
	MIN	11	-04	14	8	-01	4	2	22	4	14	5	34	24	9	13	25	10	35	31	22	29	31	26	31	22	24	25	11				17.2
WHITE HALL 1 E	MAX	37	36	35	34	31	37	40	54	44	39	47	62	60	32	34	39	49	61	60	44	45	45	50	50	38	47	46	33				43.9
	MIN	14	9	27	19	9	27	10	33	16	15	19	32	25	19	22	21	19	29	28	31	33	31	28	37	26	28	27	17				23.3
WINDSOR	MAX	35	33	37	36	32	37	35	55	44	34	42		57	35	40	46	47	60	57	50	45	44	46	47	38	46	41	30				42.6
	MIN	20	9	20	25	13	23	15	30	20	21	18		32	26	27	26	21	32	33	33	33	31	31	38	27	27	28	17				25.0

ILLINOIS
FEBRUARY 1949

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32° F. and relative humidity values at temperatures below 32° F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

–	No record
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
Z	Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

4?? CO FBO 4-??-??-1??

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5
ANNAWAN	0195	HENRY	[illegible]	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	[illegible]	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARRY	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	MATTHEW W DART	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	2 3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY E GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA	0873	BUREAU	1	41 13	89 37	795		MID	CAA	3 4
BROOKPORT DAM 52	0893	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	[illegible]	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	[illegible]
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 43	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HEELTING	2 3 5
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 3 N	1386	MARION	2	38 34	89 08	498		6P	H G STEPHENSON JR	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN ISL	1420	GRUNDY	1	41 25	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	3
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	[illegible]		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PL	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		[illegible]	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON	1743	DE WITT	1	40 09	88 58	746		6P	CHARLES T SPRAGUE	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36			7A	BEN BURT	3
DANVILLE WATER WORKS	2150	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	3 4
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	FRANK E GORHAM	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	[illegible]	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	CAA	2 3 4 5
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 26	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 32	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	[illegible]	CLAY	7	38 40	88 29	490	6P	6P	A C MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	[illegible]
GLENDALE EXP FARM	3482	POPE	5	37 26	88 40	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	[illegible]	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 02	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	[illegible]	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 51	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3830	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	[illegible]	6P	6P	JAMES R HUNTER	2 3 5
HARRISBURG HIWAY 13 BR	[illegible]	SALINE	5	37 44	88 30			6A	J S NELSON	3
HAVANA	3930	MASON	1	40 18	90 03	[illegible]	7P	7P	L L KUTENEUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	[illegible]		7A	IRVING R STROH	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	[illegible]	VERMILION	7	40 28	87 41	717	6P	6P	CHARLES C FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	[illegible]	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	[illegible]	ROCK ISLAND	4	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	5P	5P	JOSEPH A ARNOLD	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56		6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	MR BEN HALL	[illegible]
LA HARPE 1 NW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 40	87 41	472		7A	FRANK BRAY	3
LE ROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	[illegible]
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05			MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	[illegible]	[illegible]	[illegible]	FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC LANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	CHARLES H GRADY	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	7	39 23	87 43	606		6P	E K ARFORD	[illegible]
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	HARRY L AGNEW	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	[illegible]	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	4	40 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	GEORGE ALLEN	3
MORRIS	5820	PIATT	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 29	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	608	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	[illegible]	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	[illegible]	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	[illegible]
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	[illegible]	41 11	91 03	548		[illegible]	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 33	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	[illegible]	42 01	89 20	702		[illegible]	LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	B M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 21	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	CLINTON HOLLIS	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	[illegible]	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	[illegible]		MID	MRS WALDO W GODEIR	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 39	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA	7072	ADAMS	[illegible]	39 56	91 13		MID	MID	CAA	3 4 5
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 25			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 20	88 10	744	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	[illegible]	F W KNOWLTON	2 3 5
ROCKFORD CAA	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE MISSION HSE	7603	JASPER	7	38 56	88 01			7A	J DE PALMA	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8147	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	[illegible]	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 19	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	[illegible]	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 1 N	8604	BUREAU	1	41 18	89 30	512		6P	CHARLES PLASSCHEART	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	[illegible]
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 64	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 33	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	[illegible]
WATERMAN	9010	DE KALB	1	41 46	88 45	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	88 35			7A	ROBERT W SANDERS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	88 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753	6P	6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	[illegible]	2	39 26	88 36	685	[illegible]	6P	MRS HERBERT ROSE	2 3 5

‡ - DRAINAGE CODE 1 Illinois, 2 Kaskaskia, 3 Lake Michigan, 4 Mississippi, 5 Ohio, 6 Rock; 7 Wabash

See reference notes following Table 5.

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

MARCH 1949
Volume LIV No. 3



CHICAGO: 1949

ILLINOIS - MARCH 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

Temperature and precipitation each averaged approximately normal for the month, but there was considerable variation in precipitation amounts over the State. Moderately heavy precipitation occurred in much of the extreme south, while over most of the central portion and a large part of the extreme north precipitation was somewhat below normal for March. Temperatures averaged a little under normal at all but a few localities in the extreme south and also in the western and southern counties of the central portion. Elsewhere temperatures generally were slightly above the normal for the month.

After a cold March 1 temperatures moderated and were generally above normal until the 9th. A prolonged cold spell set in on the 9th, and unseasonable low temperatures persisted through the 19th. Mild weather prevailed from the 20th to the end of the month.

The first precipitation of general consequence fell on the 8th-10th, several localities in the extreme south reporting over 2 inches during that period. From then until the 21st precipitation occurred frequently in the extreme south, but very little fell in the central and northern sections. General rains occurrrd on the 21st-22d, the 26th, and the 30th-31st, many stations in the extreme north receiving over half of their total precipitation during the last two days of the month. Total snowfall was very light over the north and in all but the extreme southern counties of central Illinois. The extreme south, however, received frequent snows between the 9th and 19th, totaling several inches in most localities.

On the evening of the 30th a tornado originated near Kemper in Jersey County and moved to one mile west of Reeder in Macoupin County. Heaviest damage was to five farm properties located 2 miles west of Chesterfield, but roofs of nine buildings in Kemper also were damaged. No injuries were reported. Total estimated loss was $35,000. Floods along the Rock and Pecatonica Rivers caused slight property damage during March.

Oat seeding was well under way over the State by the end of March although field work was retarded by wet soil in the extreme south. Grains and fruit trees came through the winter with very little damage. Showers near the end of the month generally improved the winter wheat crop. Peach orchards near the southern tip of Illinois were in full bloom at the end of the month.

TEMPERATURE

The mean temperature for the State was 41.1°, which is 0.1° above normal. The monthly mean temperature ranged from 48.4° at Cairo to 34.8° at Stockton. The highest temperature recorded in the State was 79° at Harrisburg on the 25th and at Quincy on the 29th; the lowest temperature was 5° at Stockton on the 1st.

PRECIPITATION

The average precipitation for the State was 3.21 inches, which is .01 inch above normal for March. The total amounts recorded at various stations ranged from 8.34 inches at Elizabethtown to 1.28 inches at Carpenter. The heaviest precipitation reported in any one day was 3.18 inches at Cairo on the 26th. The monthly average snowfall was 2.3 inches or 1.5 inches less than normal. Monthly snowfall totals ranged from 13.7 inches at Waterloo to a Trace at many central and northern stations. The greatest depth of snow reported on ground over the State during the month was 6 inches at Red Bud on the 10th.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S.T.	1:30 p. E.S.T.	7:30 p. E.S.T.	Percent of possible	
CAIRO	30.50	19	29.45	9	10.2	34	N	9	-	-	-	-	62	518
CHICAGO AIRPORT	30.46	19	29.40	27	11.3	36	W	27	75	78	59	66	58	854
JOLIET AIRPORT	30.47	19	29.42	27	13.4	-	-	-	80	81	61	69	-	864
MOLINE AIRPORT	30.51	15	29.38	27	12.0	42	S	20	71	75	57	66	48	868
PEORIA AIRPORT	30.50	15	29.42	27	13.4	49	SW	27	75	79	56	64	62	805
SPRINGFIELD AIRPORT	30.52	15	29.47	27	14.4	45	SW	27	80	83	61	68	58	755

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	34.2	74	-15	3.71	7.6	10
1891	34.4	69	- 2	3.23	7.9	12
1892	36.5	79	5	2.12	3.6	10
1893	38.5	82	- 2	3.22	2.0	7
1894	46.2	85	4	2.91	3.0	7
1895	38.7	88	0	1.50	4.0	6
1896	35.8	79	- 4	1.86	6.8	8
1897	40.5	79	- 2	6.05	5.9	13
1898	43.9	79	0	7.64	2.7	13
1899	34.7	73	- 8	3.06	8.2	11
1900	35.3	83	- 4	1.97	4.1	7
1901	39.7	76	- 1	3.51	2.8	10
1902	43.2	77	- 1	3.44	0.7	9
1903	45.7	80	6	2.96	0.7	8
1904	40.1	80	9	6.39	5.0	12
1905	46.0	84	8	2.28	1.9	8
1906	31.4	66	-13	3.97	12.5	12
1907	48.2	94	15	3.18	2.7	9
1908	45.3	83	13	3.14	0.5	8
1909	39.9	73	5	2.35	1.1	6
1910	52.1	93	11	0.26	T	2
1911	42.1	86	4	1.77	1.5	6
1912	31.5	81	-15	3.38	14.8	10
1913	37.9	82	-12	5.58	6.0	11
1914	38.6	79	1	2.15	2.9	10
1915	35.7	65	4	0.84	3.0	6
1916	38.9	81	- 2	1.98	5.2	8
1917	42.2	84	0	2.85	0.6	8
1918	47.6	89	2	0.95	0.2	5
1919	43.1	77	- 9	3.41	3.4	9
1920	42.5	81	- 5	5.01	1.2	10
1921	50.3	83	9	5.12	0.1	12
1922	43.3	78	7	6.30	3.0	13
1923	37.7	79	-12	4.32	4.5	10
1924	36.6	75	6	2.66	9.9	12
1925	44.1	87	- 5	2.31	2.0	6
1926	35.2	84	1	2.52	9.9	11
1927	44.6	78	10	4.59	1.6	11
1928	41.6	86	5	1.53	2.9	7
1929	47.3	94	2	3.41	0.3	9
1930	40.5	80	7	1.53	5.2	6
1931	37.3	69	12	2.74	8.1	9
1932	34.4	77	- 3	2.31	6.0	10
1933	41.1	89	2	4.13	3.2	11
1934	37.5	79	-14	2.40	7.0	9
1935	47.4	85	4	4.59	1.8	11
1936	44.8	81	5	1.70	1.3	7
1937	37.9	75	9	1.20	3.9	6
1938	49.2	84	7	5.61	0.5	14
1939	43.5	88	3	3.34	0.7	7
1940	38.3	87	0	2.05	1.5	8
1941	36.8	72	- 5	1.20	3.7	6
1942	44.1	81	15	2.92	2.1	10
1943	37.0	83	-19	2.77	4.6	7
1944	37.7	82	- 6	4.26	4.2	12
1945	51.6	88	14	6.40	1.2	12
1946	52.7	84	1	2.80	1.3	11
1947	34.8	72	0	2.44	8.9	9
1948	40.9	85	-14	5.04	4.7	12
1949	41.1	79	5	3.21	2.3	9
PERIOD	41.0	94	-19	3.20	3.8	9

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																													Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CARBONDALE SEWAGE PL	EVAP	M	M	M	.112	.208	.219	.123	.099	.071	.050	.017	.030	.059	.034	.049	*	.090	M	.051	.008	.213	.178	.071	.119	.191	.198	M	.085	.174	.188	.082	2.908	
	WIND	M	31	46	49	95	114	132	54	97	148	44	56	56	33	101	56	76	118	67	17	158	234	89	73	147	77	172	135	63	72	151		

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	39.1M	0.2	71	28	10	1			2.86	.51	.78	26	T	T	9+	8	6	
ANTIOCH	35.2	0.4	69	29	10	1+		19	1.96	- .32	.95	31	3.5	2	9	6	2	
AURORA COLLEGE	36.4	- 0.3	74	29	9	17		21	2.26	- .31	.79	31	0.9	1	16	10	5	
CHICAGO UNIVERSITY	38.1	2.8	72	29	14	15		17	3.53	.95	1.88	30				11	4	1
CHICAGO WB AIRPORT	37.5	3.0	73	29	13	15		17	3.32	.76	1.36	30	0.6	T	9	11	4	1
CHICAGO WB CITY	38.7	2.3	72	29	15	15		16	3.50	.94	1.31	30				11	5	1
CICERO	38.8	1.0	75	29	13	1+		17	3.53	.83	1.92	31	0.3	T	9+	9	4	1
DIXON	37.4	0.5	74	29	8	1		19	2.38	- .02	.99	31				8	4	
FREEPORT	35.2	0.2	67	28	7	1		22	2.65	.56	.78	31	0.5	T	9+	9	5	
FULTON DAM 13	37.4	1.8	68	24	11	1		18	2.43	.18	1.10	27	0.7	T	17	9	4	1
GALESBURG	38.7		72	29	12	1+		17	3.97	1.32	2.14	31	T	T	11	5	4	1
GALVA	39.0	1.0	75	29	10	1		18	2.03	- .58	.67	31	T	T	8	7	4	
HENRY	39.9	0.2	75	29	12	1+		17	2.63	- .09	.75	30	T	T	9	9	4	
JOLIET WB AIRPORT	37.0	- 0.8	74	29	9	17		20	3.30	- .65	1.72	30	T	T	16	10	4	1
KANKAKEE	39.1	0.3	71	29	13	15		19	2.27	- .39	.60	22	0.2	T	16	8	4	
KANKAKEE 4 W	39.1		72	29	13	1+		19	2.36	- .29	.70	22	0.5			8	5	
LA SALLE	39.6	0.4	76	29	12	1+		17	2.04	- .40	.79	31	0.5			8	3	
MARENGO	35.7	0.8	72	29	9	17		20	1.84	- .41	.55	31	0.9	T	1+	7	3	
MOLINE WB AIRPORT	37.1	2.3	70	29	11	1		18	2.76	.45	.94	26	0.9	T	9+	9	4	
MONMOUTH	37.2	- 2.1	73	29	10	1		20	2.82	.27	.81	26	0.2	T	9+	8	4	
MORRIS 3 NE	38.7	0.5	74	29	12	1+		19	2.90	.39	1.81	31	T	T	11+	7	4	1
MORRISON	36.8	- 0.7	70	29	8	1		20	2.60	.22	.63	31	1.0	T	1	8	5	
MOUNT CARROLL	36.5	0.6	67	24+	8	1		19	2.97	.90	.71	22	1.8	1	16	9	5	
OTTAWA	39.2	0.3	79	21	12	1+		18	2.18	- .35	.56	31	T	T	16	9	5	
PONTIAC	39.7	- 0.6	72	29	14	1+		17	2.09	- .69	.69	26	0.2	T	10+	9	4	
ROCKFORD	36.8	0.8	71	29	10	1+		42	2.45	- .06	1.05	31	1.5	2	9	6	5	1
ROCKFORD CAA	34.9	1.4	69	29	10	1+		24	2.16	- .34	.58	30	1.4	1	9	9	5	
STOCKTON	34.8		65	24+	5	1		19	1.90	- .14	.52	26	0.5	2	1+	7	3	
SYCAMORE	35.7	0.1	74	29	8	1		22	1.88	- .71	.75	30	0.5	1	1	6	4	
WALNUT	38.3	0.2	73	29	10	1		18	2.12	- .36	1.06	30	T	T	11+	7	3	1
WAUKEGAN	34.9	- 0.5	68	21	9	1+		20	2.35	- .10	1.23	31	2.0	2	9+	8	3	1
DIVISION	37.5	0.6							2.58	0.00								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	40.9	0.6	73	29	12	15		18	2.45	- .70	.91	26	0.4			7	3	
CARLINVILLE 4 E	42.0	- 1.6	73	29	14	1+		17	1.85	-1.42	.37	22	4.2	2	10	10	4	
CHARLESTON	42.5	- 0.2	74	29	15	1+		17	2.74	- .91	1.03	26	2.4	1	10	10	3	1
DANVILLE	41.9	1.7	75	29	15	1+		16	3.53	.34	2.72	26	1.7	T	10+	9	2	1
DECATUR	42.1	0.3	75	29	14	15		18	1.42	-2.00	.53	26	1.5	1	10	10	3	
EFFINGHAM CAA	41.5	- 0.3	74	29	7	12		18	2.73	- .94	1.23	26	2.0	1	10+	15	3	1
GRIGGSVILLE	42.1	- 0.8	76	29	10	1		18	1.82	- .95	1.07	26	0.2			4	2	1
HAVANA	40.9	- 0.6	76	29	13	15		18	2.88	.17	1.10	26+	0.3			7	3	2
HILLSBORO	42.8	- 1.2	73	24+	15	1+		16	3.71	.40	2.35	26	4.1	2	10	9	3	1
HOOPESTON	40.5	0.4	73	29	14	1+		18	2.04	-1.19	.92	26	0.5			8	3	
JACKSONVILLE	42.3	0.1	77	29	12	1		16	2.07	- .76	.79	26	T	T	9+	6	4	
LA HARPE	39.9	- 0.4	74	29	10	1		18	2.27	- .41	.82	22	0.8			8	3	
LINCOLN	41.5	0.0	76	29	13	1+		17	2.10	-1.03	.93	26	0.4			9	3	
MATTOON	41.0	- 1.5	71	24+	14	15		18	2.05	-1.60	1.03	26	2.3	2	9	9	2	1
MORRISONVILLE 1 E	39.9	- 2.4	72	29	11	1		19	1.40	-1.62	.44	26	2.8	2	10+	8	3	
PALESTINE	43.5	- 0.9	76	25	16	1		17	5.01	1.00	2.05	26	6.9	2	10+	10	6	2
PANA	42.3	- 0.4	74	24+	15	1+		18	2.57	- .63	1.12	26	2.5	2	10	9	3	1
PARIS WATER WORKS	42.4	0.8	73	29	16	1+		17	3.05	- .61	1.02	26	0.5			7	4	2
PEORIA WB AIRPORT	39.0	0.7	74	29	12	1		17	2.57	- .16	.94	26	0.1	T	9+	7	4	
QUINCY	42.4	- 0.9	79	29	13	15		16	1.77	- .70	.95	26	0.8	1	9	8	2	
QUINCY CAA	39.8		75	24+	12	1+		17	1.93	- .58	.82	26	1.5	T	9+	8	3	
RANTOUL CHANUTE AF BASE	40.2		73	29	15	1+		19	2.72	- .45	1.15	26	T	T	9+	9	4	1
ROBERTS 3 N	39.4	0.4	71	29	13	1		19	2.31	- .49	.60	26	T			6	5	
RUSHVILLE	41.1	- 0.7	75	29	12	1		17	2.30	- .42	.94	26	0.3	T	13	9	3	
SPRINGFIELD WB AIRPORT	40.6	2.4	72	29	15	1		17	2.01	-1.16	1.04	26	1.6	T	9	10	2	1
SPRINGFIELD WB CITY	42.2	2.0	75	29	15	15		16	1.87	-1.30	.85	26	0.6			10	3	
TABLE GROVE	40.1	0.5	75	29	12	1		18	2.66	.07	1.11	26	1.3	T	14	8	3	1
TUSCOLA	42.4		73	28+	13	15		17	2.77	- .67	1.22	26	1.6	2	10	8	3	1
URBANA	40.8	0.6	71	29	14	1+		17	2.40	- .89	1.02	26	3.5	2	10	9	3	1
VIRDEN	42.1		74	29	14	15		16	1.81	-1.24	.60	26	1.4	T	9+	9	3	
WATSEKA	40.1		73	29	14	1+		18	2.48	- .49	.81	22	0.5	T	11+	9	2	
WHITE HALL 1 E	42.9	- 0.5	75	29	15	1+		17	1.77	-1.28	.61	26	T			7	3	
WINDSOR	41.5M	- 0.7	72	28+	13	15		18	2.66	-1.03	.98	26	3.5	T	10+	8	3	
DIVISION	41.4	- 0.1							2.42	-0.75								
SOUTHERN DIVISION																		
ALTON DAM 26	42.1		77	28	14	15		18	1.94	-1.42	.35	22	8.8	3	10+	10	5	
ANNA	45.6	- 2.1	74	24+	16	1		14	8.03	3.63	2.65	26	5.2	T	10+	12	9	3
BELLEVILLE SCOTT AF BSE	43.5	- 0.9	75	5+	16	15		17	2.67	- .63	.69	26	8.4	4	9	14	4	
CAIRO WB CITY	48.4	0.7	76	24	24	15		10	7.00	3.25	3.18	26	4.0	T	10	15	6	2
CARBONDALE SEWAGE PL	46.7M	- 0.9	75	24+	17	1		14	6.99	3.18	1.56	18	4.5	1	15	11	8	4
CARLYLE	43.3	- 1.8	76	24+	14	12		17	4.10	.67	1.21	26		1	18	12	5	1
DU QUOIN	45.0	- 1.5	76	26+	16	1		16	7.03	3.31	1.83	26	4.0			11	7	3
EAST ST LOUIS	45.2	- 1.2	77	5+	17	15		14	2.73	- .70	.69	30	11.2	4	10	11	6	
ELIZABETHTOWN	47.5		78	24+	16	1		14	8.34	3.63	1.90	26	5.0	T	10+	11	9	3
FAIRFIELD	45.1	- 0.9	75	25	18	1+		14	5.52	1.69	1.35	26	4.9	T	10+	11	7	3
FLORA	44.4	- 0.4	76	24	14	1		16	4.13	.40	1.52	26	4.3			7	5	1
GOLCONDA DAM 51	45.4	- 1.1	75	26	17	1		14	7.91	3.10	1.98	27	4.5	2	10	11	8	3
GREENVILLE	42.9	- 1.4	75	29	15	1+		16	2.63	- .98	.85	26	6.2	1	10+	8	4	
HARRISBURG	47.4	- 0.7	79	25	18	1		14	7.98	3.82	2.30	26	3.7	1	10+	11	7	4
MC LEANSBORO	47.3	0.8	77	25	17	1		14	7.06	3.09	1.56	10	3.0	2	10	10	8	3
MT CARMEL	46.5	0.6	78	25	18	15		16	6.67	2.34	1.83	26	1.0	1	15	10	8	2
MT VERNON	42.5	- 2.8	76	25	12	1		17	3.89	.01	1.21	26	5.0	2	10	9	5	1
NEW BURNSIDE	45.0	- 2.4	78	25	15	1		15	7.96	3.61	3.00	26	8.5	1	10	13	6	2
OLNEY	44.5	0.2	75	25	11	1		17	4.58	.66	1.44	26	8.5	2	17	9	5	2
SPARTA	45.1	- 1.6	77	5	15	15		14	4.19	.74	.95	10	9.7	2	10	14	6	
DIVISION	45.2	- 1.0							5.56	1.48								
STATE	41.1	0.1							3.21	0.01								

See reference notes following Station Index

Table 3

DAILY PRECIPITATION

ILLINOIS

MARCH 1949

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION						.11			.71	2.87			.07		.11		.49	.40				.20				1.05	.48			.47		6.96
ALEDO								.29	.29		T			T		T	T				.09	.25			T	.78	.47			.58	.11	2.86
ALEXIS WATER WORKS R								.49	.06												.77	.04				.82				.70	.12	3.00
ALTON DAM 26									T	.09			.08		.08			.34		.02		.35				.25	.16			.26	.31	1.94
ANNA						.27			1.31	.64			.39	T	.09	T	1.15	.54	T		.35	.41				2.65	.05			.18		8.03
ANNAWAN								.20	.06							.01						.46				.40	.14			1.00	.32	2.59
ANTIOCH		T				T	T	T	.35							T						.21				.23	.11			.11	.95	1.96
AUGUSTA HIGH SCHOOL R								.19	.06					•	.04		.06				.70	.08			.02	.79				.40		2.34
AURORA COLLEGE			T		.02	.01		.07	.29		.01					.03						.32								.40	.79	2.26
BARRY						T		T	.05	T	T			.01	.02			.04	T		.16	1.04			.02	.80	.46	T		.13	.40	3.13
BEARDSTOWN									T	.07		T			.02			.03				1.30				.23	1.15			T	.89	3.69
BEARDSTOWN LAGRANGE R//									.06					.05							.83				.07	1.28				1.02	.04	3.35
BELLEVILLE SCOTT AF BS Z				T	.05			.03	.49	.07	T	.04	.05	T	.01	T	.35	.06	T		.24	.01			.04	.69				.54	T	2.67
BELVIDERE SEWAGE PLANT R								*	.27							*	.05				*	.35				.45				.38	.25	1.75
BENTLEY							T	.26	.03		T			T	T			T	T		.37				T	.85	T			.85	T	2.36
BENTON						.03			1.20	.96			.36		.09		1.03	.25			.03	.40				2.34	.90			.06		7.65
BLOOMINGTON NORMAL								T	.03	T					T			.03				.40				.91	.77			.17	.14	2.45
BLUFFS								T	.02	.04	T						T	.10			.30	.89				1.04	T			1.10	T	3.49
BRADFORD CAA			T				T	.31	T		T			T	T	.06		T			.27	.13	T	T		.44		T		.71	.18	2.10
BROOKPORT DAM 52						.05			.37	1.30			.12		.08		.05	.77	T	T		1.13			.05	.85	2.45				.32	7.54
CAIRO WB CITY R					.05			.30	1.37	.14		T	.03		.09	.02	.73	.09	T		.30	.31		.05	.19	3.18				.15		7.00
CAMP ELLIS R								.10	.04								.04	.01			1.20	.09			.01	1.04				.43	.02	2.98
CANTON								T	T	T	T							.16			.10	.92				1.00	.02			.32	.20	2.72
CARBONDALE SEWAGE PL						.09			.60	1.02			.26		.04		.25	1.56		T		.72				1.23	1.12				.10	6.99
CARLINVILLE 4E									.02	.35	T			T	T		.02			.10	.08	.37				.34	.09			.28	.20	1.85
CARLYLE				T		.04			.21	.97			.15		.04		.44	.08			.21	.28				1.21				.46	.01	4.10
CARMI						.05		T	1.55	1.29			T		.06	T	1.18	.25	T		.05					1.90	.10			.54		6.97
CARPENTER 1 SW R									.11								.17				.15				.03	.38				.44		1.28
CASEY									.15	.45								.03				.11				1.31	.12			.57	.06	2.80
CHANDLERVILLE								T	.10								.04					.55				1.50				.05	.25	2.49
CHANNAHON DRESDEN ISLD						.03	T	.02	.43	T		T					.16					.28	.10			.02	.37	T			1.30	2.71
CHARLESTON									.12	T	.17			*	.05			.02				.19				1.03	.18			.43	.55	2.74
CHENOA			T					.11	.11		T			T	T	T	T	T			.10	.19			T	1.34	T			.39	.09	2.33
CHESTER									.57	1.30			.33					1.16								.35	.30				.67	4.68
CHICAGO CAL TREAT WKS R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.27	.01		.99	.18	-
CHICAGO HEIGHTS						.37		.22	.34	T	T											.41				*	.79	.01		*	1.71	3.85
CHICAGO LOYOLA UNIV R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.10	.39				.47	.08			1.00	.55	-
CHICAGO N BRA PUMP STA R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.45	.08			1.07	.76	-
CHICAGO SAN DIST DISPA R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.61	.06			1.26	.59	-
CHICAGO SAN DIST OFF R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.06	.19				.53	.03			1.38	.77	-
CHICAGO UNIVERSITY R		T	T		.02	.02		.29	.12		T					.04					.06	.18				.44	.21			1.88	.27	3.53
CHICAGO WB AIRPORT R	T	T	T	T	.02	.01		.33	.12		T	T		T		.04		T			.09	.33				.54	.08			1.36	.40	3.32
CHICAGO WB CITY	T	T	T	T	.01	.01		.25	.10		T			T		.09		T			.05	.29	T			.50	.10			1.31	.79	3.50
CHILLICOTHE								.09	.03	.01	T					T	T					.35				.69				.16	.62	1.95
CICERO		T	T			.02		.04	.38	T	T					.05		T				.48		T		.18	.17			.29	1.92	3.53
CISNE BROWN CAMP R					.05			.26	*	1.08							.40				.10				.05	2.48				.30		4.72
CLINTON									.05	.10				T				.05				.17				1.05	.15			.75	T	2.32
COLLINSVILLE R					.06				*	.67		*	.34	.05	.01		.37	.01			.23				.07	.88				.75		3.44
COULTERVILLE R					.09			.39	.98	.04		.36	.07	.07	.02		.71	.02			.51	.06			.03	1.20				.17	.01	4.73
CRETE R								.50	.14							.10					.16	.38				.80				1.13	.21	3.42
DANVILLE						T			.11	.10	T				.05			T			.05	.13				2.72	.03			.31	.03	3.53
DANVILLE SEWAGE PLANT									.16	.25					T			T				.28	T			.18	1.90				.44	3.21
DANVILLE WATER WORKS R								.08	.10	.11							•	.02			.13	.06				1.88	.03			.35	.09	2.85
DECATUR								T	.07	.11	.01			T	.02			.02			T	.30				.53	.01			.26	.09	1.42
DES PLAINES 1 NW			T			.03		T	.28	.03						.03	.02					.35				.34	.20			.28	1.20	2.76
DIONA R								.11	.34	.19							.05				.05	.06				1.20	.07			.45	.02	2.54
DIXON								.11	.09		T	T				.05					T	.35				.34	.04			.41	.99	2.38
DOWNS 2 NE R								•	•	.06											•	.18				1.12				•	.49	1.85
DU QUOIN						.35			1.43	1.18			.24		.06		.64	.73	T			.50				1.83	.04			.03	T	7.03
DWIGHT								.05	.19	.04	T	T				.01	T					.26				.52	.36			.18	1.30	2.91
DWIGHT STATE REFORM R								.20	.04												.06	.18				.69	.04			1.15	.19	2.55
EAST ST LOUIS						.03			.09	.34			.27		.07		.28	.05	T		.42	.03				.46				.69		2.73
EDWARDSVILLE				T				T	T	.17	T		.16		.02		T	.26	T		.07	.04				.16			.33	.29	T	1.50
EFFINGHAM CAA				.04	.02			.01	.35	.08	T			.01	.01		.13	.03			.16	.12			.01	1.23	T			.52	.01	2.73
ELGIN			T	T	T	T		T	T	T	T					T	T				T	.29	T			.27	.08			.77	.64	2.05
ELIZABETHTOWN						.11			.68	1.22			.32		.10		.78	.69	T			.56				1.90	1.37			.61		8.34
ELSAH									T	.30					.02		.20	.28	T		.15	.18				.44				.13	.01	1.71
EVANSTON PUMP STA R					T	.01		.21	.05							.04					.11	.27				.37	.08			.98	.63	2.75
FAIRBURY WATER WORKS R//								.13	.07												*	.25				1.42				.51	.09	2.47
FAIRFIELD					.17				.50	1.05			.06		.02		.37	.26				.24				1.35	1.15			.35		5.52
FARMER CITY R								.02	.03	.03							.04				.15	.30				1.18				.28	.04	2.07
FLORA									.10	.90						T	T	.42				.22				1.52	.35			.62		4.13
FREEPORT			T					.12	.15		T					.02		T			.03	.39		T		.53	.33			.30	.78	2.65
FREEPORT SEWAGE PLANT R									.25	.01							.02		T			.46			.01	.02	.79				.68	2.24
FULTON DAM 13 Z				T				T	.33								.04					.40	.01		.05	.02	1.10	.01			.47	2.43
GALATIA R								.30	1.15	.20		.10	.05	.04	.02	.29	1.46	.05			.12	.04			.11	1.82				.30		6.05
GALENA									T	T	T					T		T		•	.32			.07	.15	1.00						1.54
GALESBURG								.45			T					T	T				T	.60				.55				.23	2.14	3.97
GALVA							T	.30	.09		T					.03										.48	.08			.38	.67	2.03
GIBSON CITY			T		T			.05	.05	.17	T	T		.01	.01	T		.01				.75				.79	.50	.31		.18	.07	2.90
GLADSTONE DAM 18								T	.68	.04	T	T			T			.01				.58	T	T		.15	1.06				.69	3.21
GLENDALE EXP FARM H					.13		.18	1.78	.17			.35				.22	1.41				.16	.20			.12	2.67				.55		7.94
GOLCONDA DAM 51 Z					.14				.41	1.60	T			.16	I	.09	T	.32	.87	T	T	.60			T	1.26	1.98				.48	7.91
GOLDEN								.17	.01	T	T				T				.04	T	.18	.60				.78				.32	.40	2.50
GRAFTON									T	.34	T	T	.09		.08				.40	T		.28				.30	.14			.35	.20	2.18
GRAND TOWER 2 N						.53			.37	1.14			.32		.08			.47	1.34	T	T	.75					1.76	.56			T		7.32
GREENFIELD R								.14						.01	.02			.03	.02			.40	.05			.08	.44				.81		2.00
GREENUP						.11			.11	.03	.04				.15								.12				1.04	.27			.46	.06	2.39
GREENVILLE									T	.54				T	.03		.28	.02	T			.17				.85				.49	T	2.53
GRIDLEY								.05	.07	.02	T				T	T		T				.46				.70	.18			.33	.47	2.28
GRIGGSVILLE									.06			T				T	T							.18		1.07				.51		1.82
HARDIN										.45				.10			.38				.79				.03	.52	.20			.42		2.90
HARRISBURG						.08		T	.81	1.40			.18		.05	T	1.21	1.05			T	.32				2.30	.35			.23		7.98
HARRISBURG HIWAY 13 BR						.08			.63	1.57			.23		.07		.31	1.82				.24				1.20	1.45				.22	7.82
HAVANA								.04	T		T			T	T			.01			.10	.30				1.10	T			1.10	.23	2.88
HAVANA NO 2									.01			T			T			.01				.40				.20	.95				1.32	2.89
HENRY								.15	.03	T	T					.03					.06	.28		T		.62	.02			.75	.68	2.63
HILLSBORO									T	.38				T	.05		.12	.16			.02	.15				2.35				.44	.04	3.71
HOOPESTON Z						T		.03	.13	.05		.02			T			T				.20				.92				.25	.44	2.04
HUDSON LK BLOOMINGTON R								.14	.02												.34				.63	.44			.09	.31	.07	2.04
HUTSONVILLE R//				.12	.02			.01	•	1.22					.05		.25	.03			.09	.28				2.58	.02			.57	.01	5.25
HUTSONVILLE POWER PL				T	.05				.25	.64					T			.20				.41				.23	2.35				.75	4.88
ILLINOIS CITY DAM 16 Z									.51			T					.06					.67	.01			.17	.43	T			.91	2.76
JACKSONVILLE									T					T	T			T			.17	.36				.78	.05			.25	.45	2.07
JACKSONVILLE SEWAGE PL R									.04								.08				.37	.26		.05	.10	.63				.66		2.19
JOLIET BRANDON RD DAM						.02	T	.01	.45								.04					.32	.12			.02	.36				1.59	2.93
JOLIET WB AIRPORT				.06		T		.46	.01		T					.04					.11	.29	T	T		.51	.01			1.72	.09	3.30
KANKAKEE						T		.11	.32	T						.02						.60				.47	.17			.13	.45	2.27
KANKAKEE 4 W			T			T		.04	.42	T	T				T	.04	T					.70				.42	.31			.05	.38	2.36
KANKAKEE SEWAGE PLANT R								•	.51												.07	1.18	.02							.24	.21	2.23
KEITHSBURG								T	.56	T												.52				.22	.82				.73	2.85
KEWANEE BAKER PARK R								.42								.13					.52	.11				.57				.90	.12	2.77
KICKAPOO								.10	.13													.45				.29	.48				.52	1.97
LA HARPE						T		.18	.03	T	T			T	T			.06			.04	.82				.61				.45	.08	2.27
LANARK R								.34	.03												.41	.05			.04	.79				.68	.28	2.62

See reference notes following Station Index

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LA SALLE			T			T		.04	.23	T	T	T			T	.06	T	T				.40				.41	.01	T		.10	.79	2.04
LAWN RIDGE R								.17													.38	.16				.52				1.03	.12	2.38
LAWRENCEVILLE 5 S						.32			.41	1.13					.03		.03	.25				.56			T	1.80	.11			.48		5.12
LE ROY								T			T		T				.01				T	.16				.64	.32			.36	.13	1.62
LINCOLN								.01	T	T				T	.01			.01			.04	.24				.93	.46			.35	.05	2.10
LINCOLN NO 2									.02	T					T			T				.34				.15	1.20			.05	.35	2.11
LOCKPORT LOCK AND DAM R								.54	.03							.05					.10	.34				.45				1.65	.18	3.34
LOCKPORT POWER HOUSE R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.11	.37				.50				1.78	.22	-
LOUISVILLE					.10			.06	*	1.07				.03	.02		*	.30			.18	.15			.05	1.97				.54		4.47
MACKINAW								.03		T							.02					.38				.87				.18	.80	2.28
MACOMB								.10	.02	T	.01			T	T			.10			.12	.49				.62	.01			.29	1.61	3.37
MARENGO			T			T		T	.24							.04						.24				.30	.19			.28	.55	1.84
MARIETTA R								.07	.02								.10				.78	.05				.80				.64		2.46
MARION						.04			.90	.74			.34		.06		.65	1.10	T		.34					1.70	.13			.04		6.04
MAROA R									*	.10												.21	.13		.09	93				.51		1.97
MARSEILLES LOCK						.02		.03	.30	T	T	T					.04					.22	.03			T	.49				1.19	2.32
MARSHALL 1 W								T	.11	.31					.02			.05				.16				1.18	.32			.47	.15	2.77
MASCOUTAH									.02	1.09	T		.31		.05		.22	.36			.17	.04				.73	T			1.48		4.47
MASON CITY R																	*	.08			.31	.22				1.09				.30	.08	2.08
MATTOON								.11	.09	.03	T			.02	T		T	T			.05	.07				1.03				.53	.12	2.05
MC HENRY R								.14	.20							.04					.10	.11				.45				.47	.40	1.91
MC HENRY 2 S		T				T			.24							.06						.22				.26	.07			.19	.82	1.86
MC LEANSBORO						T			1.20	1.56			.11		.08		.65	.74	T		T	.25				1.15	.99			.33		7.06
MEDORA									T	.27			T	.13			.15	.10			.30	.10				.43	.20			.30	.15	2.13
MOLINE WB AIRPORT Z							T	.48	.01		T	T		T	T	.07					.39	.01	T	.12		.94	T			.68	.06	2.76
MONMOUTH								.45	.07	T	T							.01			.14	.69				.81				.10	.55	2.82
MORRIS 3 NE								.01	.31		T											.34				.34	.08			.01	1.81	2.90
MORRISON								.11	.20		T						.07				T	.44			T	.50	.28			.37	.63	2.60
MORRISONVILLE R								*	*	.40								.08			.15	.02			.03	.46				.43	.04	1.61
MORRISONVILLE 1 E									T	.26	T				.03	T		.03			.02	.12				.44				.36	.14	1.40
MT CARMEL						.20			.90	1.65					.05		.42	.42				.25				1.83	.55			.40		6.67
MT CARMEL WATER WORKS R					.17			.20	*	2.31				.02	.03	.03	.97				.09	.19			.27	2.16				.42	.01	6.87
MOUNT CARROLL				T				.10	.25		T					.09					.02	.71			T	.52	.52			.20	.56	2.97
MOUNT OLIVE										.30				T	.01		.20	.12			.09	.09				.87	.11			.57	.22	2.58
MOUNT PULASKI								T	T	.05	T			.02	.01			.05			T	.18				.75	.01			.43	.16	1.56
MOUNT STERLING								T	.10					T	T			.05			.25	.45			.01	.98				.15	.23	2.22
MT VERNON									.52	.58			.05		.01		.09	.58				.74				1.21				.11		3.89
MURPHYSBORO WATER WKS R//					.05			.28	1.07	.07		*	.30	.03	.05	.17	1.74	.06			.58	.02			.68	2.20				.03		7.33
NASHVILLE				T					.05	1.33	T		.27		.08		.41	.20	T			.24	.25	T		1.52	.03			.17	.15	4.70
NEWARK 7 E						T		T	.35		T					T						.28				.35	.10			.12	1.30	2.40
NEW BOSTON DAM 17								T	.61	T							T					.69	.03	.04		.16	.62				.85	3.00
NEW BOSTON 2 NW								.58	T												.74					.98				.81	.13	3.24
NEW BURNSIDE						.17		T	.86	1.15	T		.29		.09	.02	1.30	.55	T		.19	.14				3.00	.04			.16		7.96
OLNEY					T	.22		T	.27	1.25					T		.10	.15				.14				1.44	.53			.48		4.58
OREGON POWER PLANT Z								.06	.14		T	T				.06						.43		T		.32	.11			.33	.62	2.07
OTTAWA						T		.25	.06		T	T			T	.07					T	.32				.50	.04	.02		.36	.56	2.18
PALESTINE					.16			T	.28	1.10	T				.04		.34	.05				.42			.03	2.05	T			.54		5.01
PANA					T				.06	.18	T	T		.03	T		T	T			.11	.43				1.12	.04			.41	.19	2.57
PARIS SEWAGE PLANT R				.07	.02			.10	.06	.06											.21	.10			.10	1.32				.19	.01	2.24
PARIS WATER WORKS								T	.15	1.00	T			T	.05			T			T	.40				1.02				.40	.03	3.05
PAW PAW								.02	.25		T					.04						.30		T		.25	.04			.26	.77	1.93
PEORIA LOCK AND DAM A//								.05									.04				.28	.19								-	-	-
PEORIA WB AIRPORT R							T	.08	T	T	T	T		T	T	T	.01				.39	.25		T	T	.94	T			.86	.04	2.57
PEOTONE			T		.13	T		.50	T	T	T					T						.43				.23	.67			.10	.63	2.69
PERU								.13	.28						T		.07					.43				.04	.43				1.04	2.42
PETERSBURG								T	T									.03				.85				1.35	.05			.17	.25	2.70
PIPER CITY								.18	.05												.08	.62				.11				.30	.14	1.48
PITTSFIELD WATER WKS R									.04								.01	.03			.52	.06			.18	.80				1.20		2.86
PLEASANT HILL 2 E									T	.02				T	.04		T	.05	.01		.39	.22			.07	1.10	.02			.49	.13	2.54
PONTIAC						T		.11	.05	.02	T				T	.02		T				.21				.69	.42	T		.26	.31	2.09
PRAIRIE DU ROCHER W WKS R					.09				.50	1.48		.23	.10	.04	.01		=	.83			.20	.03			.11	1.78				*	.40	5.80
PRINCETON 1 S R//							.01	.29								.12					.29	.13		.03		.57				.72	.18	2.34
PRINCEVILLE 2 NW								.18	.02		T				T			T			.02	.54				.65	T			.85	.31	2.57
PROPHETSTOWN R								.35	.02							.18					.35	.03				.60		.03		1.60	.21	3.37
QUINCY								.13	.06					T	T			.01	T		.10	.08				.95				.43	.01	1.77
QUINCY CAA							T	.02	.03	T	T			T	T		.10	T	T		.29	.09			T	.82				.53	.05	1.93
QUINCY DAM 21 Z								T	.09	.05	T	T			.02			.04		T		.25				.76	.17			T	.28	1.66
QUINCY MEMORIAL BRIDGE									.09	.07	T	T			.02			.05		T		.20	T			.44	.46				.35	1.68
RANTOUL CHANUTE AF BSE Z			T			T		.07	.10	.05	T	T		T	T	T	T	.02			.25	.46		T		1.15				.40	.22	2.72
RED BUD					.07				.46	.99			.40		.10			.77	.04		.20				.02	.69	.65		.18	.27		4.84
RICHVIEW R					.07			.11	*	.93			.10	.02	.05		.51	.07			.52	.13			.05	1.23				.10		3.89
ROBERTS 3 N			T						.30	T	T	T			T	T						.56				.60	.35	T		.35	.15	2.31
ROCHELLE								T	.22		T					.06						.45				.48	.05			.39	.41	2.06
ROCKFORD									.26	T	T				T			T				.42				.34	.10			.28	1.05	2.45
ROCKFORD CAA			T	T	T		T	.20	.07		T					.01		T			.27	.36	T			.38	.01			.58	.28	2.16
ROCK ISLAND DAM 15								T	.50	T		T			T		.13					.11	T	T		.05	.92	.03			.67	2.41
RUSHVILLE									.04	.05			.02				.03				.30	.63				.94				.11	.18	2.30
STE MARIE MISSION HSE					T	.15			.18	.85					.04		.01	.32				.13				.30	2.15				1.66	5.79
SALEM						.02			.12	1.05			.08		.12		.21	.14				.41				1.47	.26			.42	.04	4.34
SHAWNEETOWN NEW TOWN						.07			.78	1.57	T		.17		.06		.30	1.75				.31				.84	1.72				.30	7.87
SIDELL	T					T			.13	.19	T	T	T	T	.02	T		T				.19				.32	1.07				.46	2.38
SKOKIE M S TREAT WKS R						.02		.18	.10							.01					.10	.30				.36	.04			.95	.53	2.59
SPARTA					T	.03		T	.65	.95	T		.34		.08		.72	.12	.01		.09	.27				.76	.04			.02	.11	4.19
SPRINGFIELD WB AIRPORT Z							T	T	.09	T	T			.03	T		.01	.03			.22	.05		T	.01	1.04				.51	.02	2.01
SPRINGFIELD WB CITY Z								T	.07	T	T			.02	T		.01	.02			.30	.05		T	.01	.85				.51	.03	1.87
STOCKTON									.16							.01						.44				.52	.15			.14	.48	1.90
STREATOR						T		.09	T	T	T					.02		T			T	.08				.47				.27	1.24	2.17
SULLIVAN WATER WKS R//								.07	.17	.08											.13	.14				1.02				.53	.05	2.23
SYCAMORE								.12	.07							T					T	.35				.32				.75	.27	1.88
TABLE GROVE								.11	T	.02	T			T	T			.07			.20	.73			T	1.11				.15	.27	2.66
TAYLORVILLE									.15	.12	T			.02	.02			.02			T	.11				.59	.03			.28	.12	1.46
TISKILWA								.42	.15		T	T				.07						.44				.54				.27	.60	2.19
TOULON						T		.28	.10	.02	.01					.03	T				.01	.45		.01		.58	.13			.49	.40	2.51
TUSCOLA									.14	.36					T		.04				.21					1.22	.06			.62	.12	2.77
URBANA								T	.06	.22	T	T		T	.04			.09			.04	.48	T			1.02				.14	.31	2.40
URBANA EXP FARM R								.03	.04	.01	T			T				T			.06	.43				1.03				.37	.12	2.09
UTICA STARVED ROCK DAM					T			.02	.24		T				T		.03					.25	T			.03	.42	T			1.05	2.04
VANDALIA Z				T					T	.46					T		.26					.55				.90	.10			.45	.25	2.97
VIRDEN									T	.13	T			.02			T	.10			.10	.32				.60	.10			.32	.12	1.81
WALNUT								.13			T					.03		T			T	.33				.38		.08		1.06	.11	2.12
WARSAW								.22	.04		T			.02				.02			.13	.19				.83				.63	.12	2.20
WASHINGTON R								.07	.07									.06			.21	.22				.77				1.03	.14	2.57
WATERLOO									.05	.66	T		.28		.06		.29	.42	.05	.03		.21				.62	.02			.35		3.05
WATERMAN R//								.50	.07												-	-	-	-	-	-				1.00	.05	-
WATSEKA						T		.13	.24		.01				T		.04	T				.81				.79	.08			.17	.21	2.48
WAUKEGAN		T				.02		T	.20		T					.01						.36				.27	.12			.14	1.23	2.35
WAYNE CITY						.48			.58	1.08			.04		.03		.05	.60				.20				68	2.55				.16	6.45
WENONA R								.10	.05							.05					*	.30				.69				.80	.10	2.09
WEST FRANKFORT 8 E R					.08			.38	1.20			.07	.15			.39	1.42				.14	.07			.07	1.56				.10		5.64
WHEATON COLLEGE						-		T	.11		T	T				T						.55		.02		.29				.57	.79	-
WHITE HALL 1 E										.03	T			T	T		T		T		.05	.58				.61	.04			.31	.15	1.77
WILCOX						.10			.25	1.05					.05			.28				.08		.10		.16	2.45				.38	4.90
WINDSOR					T	T			.14	.20				T	.10			.05				.38				.98				.61	.20	2.66

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													—1st—												
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOOPESTON																										
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	-	-	-	-	-	-	-	.03
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													—4th—												
EFFINGHAM CAA	//																									
FREEPORT SEWAGE PLANT																						.03				.03
PARIS SEWAGE PLANT																.01	.02	.02	.02						.01	.01
																										.07
													—5th—												
BELLEVILLE SCOTT AF BSE	//																									
CAIRO WB CITY																					.05					.05
CHICAGO UNIVERSITY																						.03	.02			.05
CHICAGO WB AIRPORT																					.02					.02
CHICAGO WB CITY									.01												.02					.02
CISNE BROWN CAMP																										.01
COLLINSVILLE																						.05				.05
COULTERVILLE																						.06				.06
EFFINGHAM CAA	//		.01		.01									.02								.07				.09
FREEPORT SEWAGE PLANT										.01			.01													.02
GLENDALE EXP FARM																										.02
GOLCONDA DAM 51											.01					.01			.01			.08	.05			.13
HUTSONVILLE	//																						.11			.14
JOLIET WB AIRPORT	6																						.12			.12
LOUISVILLE																				*	*	*	*	*	.06	
MT CARMEL WATER WORKS														*	*	*	*	*	*	*	*	*	.10			.10
MURPHYSBORO WATER WORKS	//																				.04	.02	.08	.03		.17
PARIS SEWAGE PLANT								.02													.02	.03				.05
PRAIRIE DU ROCHER W WKS																										.02
RICHVIEW																			.09							.09
SPRINGFIELD WB CITY											.01		.01		.01	.01					.06			.01		.07
VANDALIA																										.04
WEST FRANKFORT 8 E																								.02	.01	.03
																						.05	.03			.08
													—6th—												
CHICAGO UNIVERSITY									.01	.01																.02
CHICAGO WB AIRPORT									.01																	.01
CHICAGO WB CITY									.01																	.01
EVANSTON PUMP STA		*	*	*	.01																					.01
HUTSONVILLE	//								.02																	.02
SKOKIE N S TREAT WKS						.01	.01																			.02
VANDALIA		.01																								.01
													—7th—												
GLENDALE EXP FARM																						.04	.06	.07	.01	.18
PEORIA WB AIRPORT																									.01	.01
PRINCETON 1 S	//																								.01	.01
													—8th—												
ALEXIS WATER WORKS														.09	.04	.06	.14		.04	.02	.01	.03	.01	.02	.03	.49
AUGUSTA HIGH SCHOOL										.08	.02			.01	.01	.01	.06									.19
BELLEVILLE SCOTT AF BSE	//																			.01		.01	.01	.02	.01	.06
BELVIDERE SEWAGE PLANT																				*	*	*	*	*	*	*
BRADFORD CAA	6													*	*	*	*	*	.24	*	*	*	*	*	.07	
CAIRO WB CITY															-						.04	.08	.06	.10	.02	-
CAMP ELLIS												.03				.05	.02									.10
CHICAGO UNIVERSITY						.01	.01												.01	.03	.08	.06	.01	.02	.06	.29
CHICAGO WB AIRPORT								.01											.02	.04	.06	.11	.04		.05	.33
CHICAGO WB CITY																			.01	.03	.04	.12	.02	.01	.02	.25
CISNE BROWN CAMP																						.03	.03	.06	.14	.26
COULTERVILLE																					.07	.02	.07	.13	.10	.39
CRETE											.01	.01	.01		.01	.01			.02	.11	.12	.13	.04	.03		.50
DANVILLE WATER WORKS																							.03		.05	.08
DIONA																							.10	.01		.11
DOWNS 2 NE														*	*	*	*	*	*	*	*	*	*	*	*	*
DWIGHT STATE REFORM																	.02	.05	.06	.04	.02				.01	.20
EFFINGHAM CAA	//																								.04	.04
EVANSTON PUMP STA																			.01	.01	.03	.08	.04	.01	.03	.21
FAIRBURY WATER WORKS	//																.01	.05	.04	.01					.02	.13
FARMER CITY																							.01	.01		.02
FREEPORT SEWAGE PLANT																		.01	.04	.02	.03	.07	.02	.03		.22
FULTON DAM 13																	.02	.05	.03	.06	.07	.04	.02	.01		.30
GALATIA																						.03	.03	.14	.10	.30
GLENDALE EXP FARM		.02	.02	.02	.07	.14	.09	.06	.02									.01	.18	.19	.24	.47	.19	.01	.05	1.78
GOLCONDA DAM 51																						.04	.03	.07	.01	.15
GREENFIELD																				.05	.03	.02	.04			.14
HOOPESTON																	.07	.02							.03	.12
HUTSONVILLE	//																								.01	.01
ILLINOIS CITY DAM 16															.12	.03	.05	.05	.09	.01	.08	.02	.02	.02	.03	.52
JOLIET WB AIRPORT	6	*	*	*	*	*	.03							*	*	*	*	*	.08	*	*	*	*	*	.38	
KANKAKEE SEWAGE PLANT																		*	*	*	*	*	*	*	*	*
KEWANEE BAKER PARK														*	*	*	*	*	*	*	*	*	*	*	.42	.42
LANARK															.02			.02	.06	.05	.09	.02	.03	.03	.01	.34
LAWN RIDGE												.02	.03	.02	.02	.02	.03	.03	.02							.17
LOCKPORT LOCK AND DAM		.01	.01	.01			.01			.02	.02		.01				.05	.01	.04	.05	.13	.10	.05	.01	.01	.54
LOUISVILLE																						.01			.05	.06
MARIETTA												.02				.01	.02		.02							.07
MC HENRY																.01	.01	.01				.02	.05	.03	.02	.14
MOLINE WB AIRPORT	//													.07	.08	.06	.04	.05	.06	.04	.02	.02	.02	.02	.01	.49
MORRISONVILLE																				*	*	*	*	*	*	*
MT CARMEL WATER WORKS																							.07	.04	.09	.20
MURPHYSBORO WATER WORKS	//																			.02	.01	.06	.13	.05	.01	.28
OREGON POWER PLANT	//																	.04	.01	.03	.05	.01	.01	.01	.01	.17
PARIS SEWAGE PLANT																						.01	.01	.03	.05	.10
PEORIA LOCK AND DAM	//														.01		.02			.01	.01					.05
PEORIA WB AIRPORT														.01	.01	.01	.03		.01							.07
PIPER CITY														.01	.01		.03	.03	.07					.03		.18
PRINCETON 1 S	//	.01													.01	.05	.02	.04	.05	.06	.03			.01	.01	.29
PRAIRIE DU ROCHER W WKS										.02	.01										.06	.01	.10	.19	.11	.50
PROPHETSTOWN												.02	.01			.02	.05	.04	.06	.04	.03	.03	.03	.01	.01	.35
QUINCY CAA	6													*	*	*	*	*	.02							
QUINCY DAM 21														.04	.03	.03		.03								.13
RANTOUL CHANUTE AF BASE	//																	*	*	*	*	*	*	*	.10	.10
RICHVIEW																						.01	.02	.06	.02	.11
ROCKFORD CAA	6													*	*	*	*	*	.04	*	*	*	*	*	.16	
SKOKIE N S TREAT WKS																				.01	.03	.03	.07	.03	.01	.18
SPRINGFIELD WB CITY											.01		.01	.01												.03
SULLIVAN WATER WORKS	//																						.07			.07
URBANA EXP FARM																							.01	.01	.01	.03

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
WASHINGTON																		.07								.07
WATERMAN	//												.01				.01	.07	.08	.04	.12	.08	.05	.02	.02	.50
WENONA																	.02	.03	.04	.01						.10
WEST FRANKFORT 8 E																							.05	.07	.27	.39
													—9th—													
ALEXIS WATER WORKS		.01		.01	.01													.02	.01							.06
AUGUSTA HIGH SCHOOL																		.01	.02	.03						.06
BEARDSTOWN LAGRANGE DAM	//																	.03	.01	.01					.01	.06
BELLEVILLE SCOTT AF BSE	//																		*	*	*	*	*	*	*	*
BELVIDERE SEWAGE PLANT		*	*	.27																						.27
CAIRO WB CITY		.06	.04	.02	.03	.02	.18	.07	.02								.01	.11	.17	.27	.33	.01			.03	1.37
CAMP ELLIS																			.01	.01		.01		.01		.04
CARPENTER 1 SW																						.05	.04	.01	.01	.11
CHICAGO UNIVERSITY		.03	.02	.01		.01	.02	.01					.01					.01								.12
CHICAGO WB AIRPORT		.02	.04	.01			.02	.01	.01	.01																.12
CHICAGO WB CITY		.02	.02	.01	.01		.01	.01	.01	.01																.10
CISNE BROWN CAMP		.02	.04	.01	.02	.01												*	*	*	*	*	*	*	*	*
COLLINSVILLE																				*	*	*	*	*	*	*
COULTERVILLE		.05	.05																.15	.20	.25	.10	.10	.05	.03	.98
CRETE		.03	.01	.01		.03	.01		.01			.02	.01	.01												.14
DANVILLE WATER WORKS			.02											.01			.01						.01	.05	.10
DIONA		.02	.02	.01																			.05	.15	.09	.34
DOWNS 2 NE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DWIGHT STATE REFORM		.01	.01						.02																	.04
EFFINGHAM CAA	//	.03	.01	.01	.01																	*	*	*	*	*
EVANSTON PUMP STA		.02	.02	.01																						.05
FAIRBURY WATER WORKS	//	.01	.02	.04																						.07
FARMER CITY			.01			.01																			.01	.03
FREEPORT SEWAGE PLANT		.01					.01					.02	.01													.05
FULTON DAM 13		.01	.01	.01																						.03
GALATIA		.13	.02	.05	.07	.02	.06											.02	.08	.03	.12	.18	.30	.05	.02	1.15
GLENDALE EXP FARM		.09	.05	.03																						.17
GOLCONDA DAM 51		.03	.06	.06	.05	.03	.12	.08	.01	.01								*	*	*	*	*	*	*	*	*
HOOPESTON		.02	.01	.01				.04																		.08
HUTSONVILLE	//	.07	.02	.04	.05	.04	.02	.02	.03															*	*	*
ILLINOIS CITY DAM 16		.02		.01																						.03
JACKSONVILLE SEWAGE PL		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.04	.04
JOLIET WB AIRPORT	6	*	*	*	*	*	.01																			
KANKAKEE SEWAGE PLANT		*	*	*	*	.51																				.51
LANARK		.01	.02																							.03
LOCKPORT LOCK AND DAM				.01	.01		.01																			.03
LOUISVILLE		.02	.04	.01	.02													*	*	*	*	*	*	*	*	*
MARIETTA									.01	.01																.02
MAROA SEWAGE PLANT																				*	*	*	*	*	*	*
MC HENRY		.04	.03		.02				.02	.02	.01	.02	.04													.20
MORRISONVILLE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MT CARMEL WATER WORKS		.20	.12	.10	.03	.04	.01		.01	.01										*	*	*	*	*	*	*
MURPHYSBORO WATER WORKS	//		.02	.13	.07	.02	.02											.05	.06	.20	.19	.05	.10	.07	.09	1.07
PARIS SEWAGE PLANT			.02	.01	.01																				.02	.06
PIPER CITY			.02	.02	.01																					.05
PITTSFIELD WATER WORKS																	*	*	*	*	*	*	*	*	.04	.04
PRAIRIE DU ROCHER W WKS		.08	.07	.01					.01									*	*	*	*	*	*	*	*	*
PROPHETSTOWN												.01	.01													.02
QUINCY CAA	6							*	*	*	*	*	.01	*	*	*	*	*	.02							
QUINCY DAM 21																.01	.03	.02								.06
RANTOUL CHANUTE AF BASE	//																							*	*	*
RICHVIEW		.04	.01	.02				.01	.02										*	*	*	*	*	*	*	*
ROCKFORD CAA	6	*	*	*	*	*	.04	*	*	*	*	*	.03													
SKOKIE N S TREAT WKS		.01	.02	.02	.01				.01	.01		.01	.01													.10
SPRINGFIELD WB AIRPORT	//																.01	.02	.01	.01	.01	.01	.01	.01		.09
SPRINGFIELD WB CITY																		*	*	*	*	*	*	*	.07	.07
SULLIVAN WATER WORKS	//			.01		.01	.01																	.05	.09	.17
URBANA EXP FARM			.01	.01																.01	.01					.04
VANDALIA																			*	*	*	*	*	*	*	*
WASHINGTON										.03	.02	.02														.07
WATERMAN	//	.01	.02				.01	.02	.01																	.07
WENONA		.01	.04																							.05
WEST FRANKFORT 8 E		.16	.07	.03	.15	.08	.03	.06												.03	.08	.12	.11	.18	.10	1.20
													—10th—													
BELLEVILLE SCOTT AF BSE	//	*	*	.79																						.79
CAIRO WB CITY		.03	.05	.04	.02																					.14
CISNE BROWN CAMP		*	.98																							1.08
COLLINSVILLE		*	*	.67																						.67
COULTERVILLE		.02	.02																							.04
DANVILLE WATER WORKS		.05	.03	.03																						.11
DIONA		.09	.05	.05																						.19
DOWNS 2 NE		*	*	*	*	*	.06																			.06
EFFINGHAM CAA	//	*	*	*	*	*	.19																			.25
FARMER CITY		.01	.02																							.03
GALATIA		.05	.05	.05	.03	.02																				.20
GOLCONDA DAM 51		*	*	*	*	*	*	1.28																		1.73
HOOPESTON		.02	.03	.03																						.08
HUTSONVILLE	//	*	*	*	*	*	.93																			1.22
LOUISVILLE		*	*	.98																						1.07
MAROA SEWAGE PLANT		*	.10																							.10
MORRISONVILLE		*	*	*	*	*	.40																			.40
MT CARMEL WATER WORKS		*	*	*	*	1.79																				2.31
MURPHYSBORO WATER WORKS	//	.05	.02																							.07
PARIS SEWAGE PLANT		.04	.01	.01																						.06
PRAIRIE DU ROCHER WKS		*	1.31																							1.48
RANTOUL CHANUTE AF BASE	//	.07	.07	.02																						.16
RICHVIEW		*	*	.83																						.83
SULLIVAN WATER WORKS	//	.06	.01		.01																					.08
URBANA EXP FARM			.01																							.01
VANDALIA		*	.55																							.55
													—12th—													
BELLEVILLE SCOTT AF BSE	//																				.01	.01	.01	.02	.03	.08
COLLINSVILLE																									*	*
COULTERVILLE																						.01	.15	.09	.06	.31
GALATIA																							.01	.04	.05	.10
GLENDALE EXP FARM																							.05	.12	.18	.35
GOLCONDA DAM 51																							.05	.04	.02	.11
MURPHYSBORO WATER WORKS	//																					*	*	*	*	*
PRAIRIE DU ROCHER W WKS																					.01	.07	.07	.05	.03	.23
WEST FRANKFORT 8 E																								.02	.05	.07
													—13th—													
BELLEVILLE SCOTT AF BSE	//	.05	.05	.03	.04	.04	.01																			.22
CAIRO WB CITY		.01				.01	.01																			.03
COLLINSVILLE		*	*	*	*	.34																				.34
COULTERVILLE		.04	.01			.01	.01																			.07
GALATIA		.01	.03	.01																						.05

See reference notes following Station Index.

Table 4–Continued

HOURLY PRECIPITATION

Station		A.M. Hour ending												P M Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GOLCONDA DAM 51		.03	.02	.02																				.07
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	.30																	.30
PRAIRIE DU ROCHER W WKS		.01	.01		.02	.01	.01		.02	.01	.01													.10
RICHVIEW				.03	.02	.01	.01	.01	.01	.01														.10
WEST FRANKFORT 8 E		.08	.03	.02	.01	.01																		.15
—14th—																								
AUGUSTA HIGH SCHOOL																						*	*	*
BEARDSTOWN LAGRANGE DAM	//																					.04	.01	.05
BELLEVILLE SCOTT AF BSE	//																			.01	.02	.01	.02	.01	.07
COLLINSVILLE																					.01	.01	.01	.02	.05
COULTERVILLE																						.03	.02	.02	.07
EFFINGHAM CAA	//																					*	*	*	*
GALATIA																								.04	.04
GREENFIELD																							.01		.01
LOUISVILLE																					.01		.01	.01	.03
MT CARMEL WATER WORKS																								.02	.02
MURPHYSBORO WATER WORKS	//																						.01	.02	.03
PRAIRIE DU ROCHER W WKS																						.01	.01	.02	.04
QUINCY DAM 21														*	*	*	*	*	*	*	*	*	*	*	*
RICHVIEW																							.01	.01	.02
SPRINGFIELD WB AIRPORT	//															.01	.01						.01		.03
SPRINGFIELD WB CITY																				*	*	*	*	.02	.02
SULLIVAN WATER WORKS	//													*	*	*	*	*	*	*	*	*	*	*	*
VANDALIA																				*	*	*	*	*	*
—15th—																									
AUGUSTA HIGH SCHOOL		*	*	.04																					.04
BELLEVILLE SCOTT AF BSE	//	.01																							.01
CAIRO WB CITY		.01	.04	.04																					.09
COLLINSVILLE		.01																							.01
COULTERVILLE		.01	.01																						.02
EFFINGHAM CAA	//	*	*	.10																					.10
GALATIA		.01	.01																						.02
GOLCONDA DAM 51			.01	.02	.01	.01																			.05
GREENFIELD		.01	.01																						.02
HUTSONVILLE	//		.01	.02	.01	.01																			.05
LOUISVILLE		.01	.01																						.02
MT CARMEL WATER WORKS		.01	.01	.01																					.03
MURPHYSBORO WATER WORKS	//	.01	.01	.02	.01																				.05
PRAIRIE DU ROCHER W WKS			.01																						.01
QUINCY DAM 21		*	*	*	*	*	*	*	*	*	*	*	.03												.03
RICHVIEW		.02	.01	.02																					.05
SULLIVAN WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	.04												.04
VANDALIA		*	.06																						.06
—16th—																									
BELLEVILLE SCOTT AF BSE	//																						.01		.01
BELVIDERE SEWAGE PLANT								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BRADFORD CAA	6							*	*	*	*	*	.03	*	*	*	*	*	.03						.03
CAIRO WB CITY																							.01		.01	.02
CHICAGO UNIVERSITY													.01	.01	.01		.01								.04
CHICAGO WB AIRPORT															.01	.01	.01	.01							.04
CHICAGO WB CITY												.01	.01	.01	.02	.01	.01	.01	.01						.09
CRETE														*	*	*	*	*	*	.10					.10
EVANSTON PUMP STA																				*	*	*	.04		.04
FREEPORT SEWAGE PLANT									*	*	*	*	*	*	*	*	.02								.02
GALATIA																				.03	.06	.05	.06	.05	.04	.29
GLENDALE EXP FARM																				.01	.04	.06	.03	.06	.02	.22
GOLCONDA DAM 51																			.01	.02	.02	.04	.02	.06	.01	.18
ILLINOIS CITY DAM 16								*	*	*	*	*	*	*	*	*	*	*	.06							.06
JOLIET WB AIRPORT	6													*	*	*	*	*	.04							
KEWANEE BAKER PARK															.03	.03	.02	.03	.02							.13
LOCKPORT LOCK AND DAM																.03	.01	.01								.05
MC HENRY													.02	.02												.04
MOLINE WB AIRPORT	//										.01	.02	.01	.01	.01	.01										.07
MT CARMEL WATER WORKS																							.02	.01	.03
MURPHYSBORO WATER WORKS	//																					.03	.09	.05		.17
OREGON POWER PLANT	//												.01	.01	.01	.01	.01	.02								.07
PRINCETON 1 S	//											.01	.01	.01	.03	.03	.01	.02								.12
PROPHETSTOWN											.02	.03	.07	.02	.01	.02	.01									.18
ROCKFORD CAA	6							*	*	*	*	*	.01													
SKOKIE N S TREAT WKS																				*	*	*	*	*	.01	.01
WATERMAN	//																	.04	.01	.02						.07
WENONA											*	*	*	*	*	*	*	*	.05							.05
WEST FRANKFORT 8 E																				.05	.05	.09	.12	.04	.04	.39
—17th—																										
AUGUSTA HIGH SCHOOL																							.01	.05		.06
BELLEVILLE SCOTT AF BSE	//															.07	.13	.21	.04	.04	.01	.02	.01			.53
BELVIDERE SEWAGE PLANT		*	*	*	*	*	.05																			.05
CAIRO WB CITY		.04	.01	.01	.03		.03	.01							.04	.24	.07	.05	.05	.01	.03	.02	.07	.01	.01	.73
CAMP ELLIS																								.03	.01	.04
CARPENTER 1 SW																	.06	.04	.05	.01	.01					.17
CISNE BROWN CAMP										*	*	*	*	*	*	*	*	*	*	*	*	*	.40			.40
COLLINSVILLE															.02	.08	.15	.03	.03	.02	.01	.01			.02	.37
COULTERVILLE								.01								.10	.20	.30	.02	.01	.05	.01	.01			.71
DANVILLE WATER WORKS																				*	*	*	*	*	*	*
DIONA																						.01	.03	.01		.05
EFFINGHAM CAA	//															.01	.01	.01	.04	.03		.01	.02			.13
FARMER CITY																								*	.04	.04
GALATIA		.01													.05	.13	.15	.20	.30	.27	.15	.15	.03	.02		1.46
GLENDALE EXP FARM		.01				.01										.28	.15	.16	.13	.15	.13	.25	.09	.04	.01	1.41
GOLCONDA DAM 51		.01	.01	.01											.02	.18	.10	.10	.10	.02	.06	.10	.07	.04	.01	.83
GREENFIELD																							.01	.01	.01	.03
HOOPESTON																				*	*	*	*	*	*	*
HUTSONVILLE	//																	.01	.02	.03	.08	.06	.03	.01	.01	.25
JACKSONVILLE SEWAGE PL								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.08	.08
LOUISVILLE																*	*	*	*	*	*	*	*	*	*	*
MARIETTA																							.05	.05		.10
MASON CITY																				*	*	*	*	*	*	*
MORRISONVILLE												.02	.01	.01	.01	.03										.08
MT CARMEL WATER WORKS		*	*	.07												*	*	*	*	*	*	*	*	*	.90	.97
MURPHYSBORO WATER WORKS	//	.01		.01	.01										.13	.22	.22	.33	.30	.23	.03	.21	.02	.01	.01	1.74
PEORIA LOCK AND DAM	//																							.04		.04
PEORIA WB AIRPORT																							.01			.01
PITTSFIELD WATER WORKS																									.01	.01
PRAIRIE DU ROCHER W WKS														*	*	*	*	*	*	*	*	*	*	*	*	*
QUINCY CAA	6																			*	*	*	*	*	.10	
QUINCY DAM 21																									.02	.02
RANTOUL CHANUTE AF BASE	//																								*	*
RICHVIEW																.01	.12	.28	.06	.01		.02	.01			.51
SPRINGFIELD WB AIRPORT	//																							.01	.02	.03
SPRINGFIELD WB CITY																				*	*	*	*	*	*	*

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
VANDALIA																.02	.06	.06	.05	.01	*	*	*	*	*	*
WEST FRANKFORT 8 E															.10	.22	.16	.24	.28	.20	.07	.11	.02	.02		1.42
													—18th—													
BELLEVILLE SCOTT AF BSE	//		.02																							.02
CAIRO WB CITY		.02	.02	.03	.02																					.09
CAMP ELLIS		.01																								.01
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLLINSVILLE		.01																								.01
COULTERVILLE			.01	.01																						.02
DANVILLE WATER WORKS		*	*	*	*	*	.02																			.02
EFFINGHAM CAA	//	.02	.03																							.05
GALATIA		.01	.02	.02																						.05
GOLCONDA DAM 51		.01	.03	.01	.01																					.06
GREENFIELD		.01	.01																							.02
HOOPESTON		*	*	*	*	*	.08																			.08
HUTSONVILLE	//			.01	.01	.01																				.03
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE		*	.30																							.30
MASON CITY		*	*	*	*	*	.08																			.08
MURPHYSBORO WATER WORKS	//	.01	.02	.01	.02																					.06
PITTSFIELD WATER WORKS		.01	.01	.01																						.03
PRAIRIE DU ROCHER W WKS		*	*	.83																						.83
QUINCY CAA	6	*	*	*	*	*	.10																			
QUINCY DAM 21		.01	.02	.01																						.04
RANTOUL CHANUTE AF BASE	//	.04																								.04
RICHVIEW		.01	.01	.02	.01	.01			.01																	.07
SPRINGFIELD WB AIRPORT	//	.01																								.01
SPRINGFIELD WB CITY		*	*	*	*	*	.07																			.07
VANDALIA		*	*	*	*	*	.05																			.25
WASHINGTON				.06																						.06
													—21st—													
ALEXIS WATER WORKS																		.05	.05	.13	.06	.06	.32	.10		.77
AUGUSTA HIGH SCHOOL																	.01	.04	.13	.42	.02	.06	.02			.70
BEARDSTOWN LAGRANGE DAM	//																	.04	.12	.14	.27	.16	.10			.83
BELLEVILLE SCOTT AF BSE	//															.01	.01	.02	.07		.02					.13
BELVIDERE SEWAGE PLANT														*	*	*	*	*	*	*	*	*	*	*	*	*
BRADFORD CAA	6																			*	*	*	*	*	.27	
CAIRO WB CITY																	.02	.07	.17	.04						.30
CAMP ELLIS																		.05	.12	.22	.17	.30	.29	.05		1.20
CARPENTER 1 SW																			.10	.05						.15
CHICAGO LOYOLA UNIV																						.03		.03	.04	.10
CHICAGO SAN DIST OFF																								.03	.03	.06
CHICAGO UNIVERSITY																								.01	.05	.06
CHICAGO WB AIRPORT																						.01		.05	.03	.09
CHICAGO WB CITY																								.02	.03	.05
CISNE BROWN CAMP																			.04	.01	.03	.01	.01			.10
COLLINSVILLE														.01	.01	.01	.02	.05	.10	.01	.01	.01				.23
COULTERVILLE																		.07	.18	.10	.02	.04	.01	.08	.01	.51
CRETE																							.04	.04	.08	.16
DANVILLE WATER WORKS																						.04	.04	.02	.03	.13
DIONA																				.02	.02	.01				.05
DOWNS 2 NE																				*	*	*	*	*	*	*
DWIGHT STATE REFORM																						.02	.03	.01		.06
EFFINGHAM CAA	//																			.05	.05	.05	.01	.01		.17
EVANSTON PUMP STA																						.04	.01	.02	.04	.11
FAIRBURY WATER WORKS	//																			*	*	*	*	*	*	*
FARMER CITY																				.01	.02	.03	.01	.08		.15
FREEPORT SEWAGE PLANT																					.07	.10	.08	.02	.13	.40
FULTON DAM 13																					.10	.08	.03	.02	.01	.24
GALATIA																				.07	.05					.12
GLENDALE EXP FARM																		.01	.02	.12	.01					.16
GOLCONDA DAM 51																				.08	.02					.10
GREENFIELD													.01			.01		.01	.14	.10	.05	.02				.40
HOOPESTON																						.07	.02	.03	.01	.13
HUTSONVILLE	//																					.01	.04	.04		.09
ILLINOIS CITY DAM 16																	.09	.06	.08	.13	.08	.16	.05			.65
JACKSONVILLE SEWAGE PL																		.10	.13	.11		.03				.37
JOLIET WB AIRPORT	6																			*	*	*	*	*	.11	
KANKAKEE SEWAGE PLANT																								.03	.04	.07
KEWANEE BAKER PARK																			.02	.10	.10	.08	.04	.10	.08	.52
LANARK																				.06	.10	.07	.10	.04	.04	.41
LAWN RIDGE																			.02	.08	.07	.06	.08	.05	.02	.38
LOCKPORT LOCK AND DAM																						.02	.01	.05	.02	.10
LOCKPORT POWER HOUSE																						.02	.01	.05	.03	.11
LOUISVILLE																				.05	.08	.02	.01	.01	.01	.18
MARIETTA																		.04	.09	.16	.18	.21	.09		.01	.78
MASON CITY																			.05	.05	.04	.09	.07	.01		.31
MC HENRY																						.02	.01	.01	.06	.10
MOLINE WB AIRPORT	//																	.04	.06	.07		.11	.06	.05		.39
MORRISONVILLE																		.01	.01	.05	.05	.03				.15
MT CARMEL WATER WORKS																					.03	.04	.01		.01	.09
MURPHYSBORO WATER WORKS	//																.03	.05	.22	.19	.06	.03				.58
OREGON POWER PLANT	//																			.02	.08	.07	.08	.05	.02	.32
PARIS SEWAGE PLANT																						.09	.03	.06	.03	.21
PEORIA LOCK AND DAM	//																		.01	.07	.05	.07	.05	.02	.01	.28
PEORIA WB AIRPORT																		.01	.09	.04	.06	.07	.08	.04		.39
PIPER CITY																					.01	.01	.03	.02	.01	.08
PITTSFIELD WATER WORKS																	.02	.08	.13	.17	.10				.02	.52
PRAIRIE DU ROCHER W WKS																	.04	.07	.08	.01						.20
PRINCETON 1 S	//																			.05	.07	.08	.04	.03	.02	.29
PROPHETSTOWN																				.05	.10	.05	.09	.03	.03	.35
QUINCY CAA	6													*	*	*	*	*	.25	*	*	*	*	*	.04	
QUINCY DAM 21																	.02	.06	.02	.03	.06					.19
RANTOUL CHANUTE AF BASE	//																			*	*	*	*	*	*	*
RICHVIEW																		.01	.09	.17	.13	.07			.05	.52
ROCKFORD CAA	6																			*	*	*	*	*	.27	
SKOKIE N S TREAT WKS																						.03	.01	.02	.04	.10
SPRINGFIELD WB AIRPORT	//																	.06	.05	.04	.03	.02	.02			.22
SPRINGFIELD WB CITY																			.04	.06	.04	.04	.04	.01	.03	.26
SULLIVAN WATER WORKS	//																				.03	.04	.05	.01		.13
URBANA EXP FARM																					.03	.02	.01			.06
VANDALIA																		.01	.03	.09	.06	.10	.08	.03	.03	.43
WASHINGTON																				.11	.06	.02	.01		.01	.21
WATERMAN	//																			-	-	-	-	-	-	-
WENONA																				*	*	*	*	*	*	*
WEST FRANKFORT 8 E																				.05	.09					.14
													—22d—													
ALEXIS WATER WORKS			.01	.01	.01						.01															.04
AUGUSTA HIGH SCHOOL				.03	.03	.01	.01																			.08
BELVIDERE SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	.35													.35
BRADFORD CAA	6	*	*	*	*	*	.09	*	*	*	*	*	.02													
CAIRO WB CITY		.25	.06																							.31
CAMP ELLIS		.04	.01		.02		.02																			.09

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO LOYOLA UNIV		.03				.01			.09	.04	.09	.03	.06	.03			.01									.39
CHICAGO SAN DIST OFF		.03							.02	.03	.02	.01	.05	.01	.02											.19
CHICAGO UNIVERSITY		.04						.04	.02	.03	.02		.02	.01												.18
CHICAGO WB AIRPORT		.02		.01				.09	.03	.03	.03	.01	.01	.10												.33
CHICAGO WB CITY		.04					.01	.04	.03	.02	.02	.02	.05	.02	.03	.01										.29
COULTERVILLE			.06																							.06
CRETE		.01	.01			.04	.12	.12	.03	.02		.01	.01		.01											.38
DANVILLE WATER WORKS		.01				.01	.04																			.06
DIONA					.06																					.06
DOWNS 2 NE		*	*	*	*	*	.18																			.18
DWIGHT STATE REFORM		.02	.01			.04	.02	.06	.02		.01															.18
EFFINGHAM CAA	//	.02	.01	.06	.04																					.13
EVANSTON PUMP STA		.04							.05	.03	.04	.10	.01													.27
FAIRBURY WATER WORKS	//	*	*	*	*	*	*	*	*	.25																.25
FARMER CITY			.01	.01	.01	.25	.01	.01																		.30
FREEPORT SEWAGE PLANT		.01		.02				.02																		.05
FULTON DAM 13		.16																								.16
GALATIA			.02	.02																						.04
GLENDALE EXP FARM			.15	.05																						.20
GOLCONDA DAM 51		.03	.24	.16		.01																				.44
GREENFIELD			.03		.01	.01																				.05
HOOPESTON		.01		.01		.05	.01		.02																	.10
HUTSONVILLE	//	.06	.02	.02		.10		.03	.05																	.28
ILLINOIS CITY DAM 16								.02	.02	.02	.02															.08
JACKSONVILLE SEWAGE PL			.09	.09	.04	.04																				.26
JOLIET WB AIRPORT	6	*	*	*	*	*	.17	*	*	*	*	*	.12													
KANKAKEE SEWAGE PLANT					.01	.11	.27	.05	.14		.01	.10	.17	.01	.02	.04		.06	.01				.05	.13		1.18
KEWANEE BAKER PARK		.05	.05	.01																						.11
LANARK		.01	.01							.02	.01															.05
LAWN RIDGE		.05	.07	.01		.01	.02																			.16
LOCKPORT LOCK AND DAM							.15	.09	.05		.02	.01	.02													.34
LOCKPORT POWER HOUSE		.01						.25	.06	.01	.02	.01	.01													.37
LOUISVILLE				.02	.13																					.15
MARIETTA		.01	.01		.02	.01																				.05
MAROA SEWAGE PLANT																.01	.03	.01	.01	.06				.08	.01	.21
MASON CITY			.01	.10	.08	.03																				.22
MC HENRY		.03								.02	.03	.01						.01		.01						.11
MOLINE WB AIRPORT	//										.01															.01
MORRISONVILLE				.01	.01																					.02
MT CARMEL WATER WORKS		.01	.01	.14	.02	.01																				.19
MURPHYSBORO WATER WORKS	//	.01	.01																							.02
OREGON POWER PLANT	//	.01	.02	.03	.01				.01		.03															.11
PARIS SEWAGE PLANT							.08	.02																		.10
PEORIA LOCK AND DAM	//		.01	.02	.03	.10	.03																			.19
PEORIA WB AIRPORT		.01		.03	.18	.02		.01																		.25
PIPER CITY				.01	.04	.22	.24	.06	.05																	.62
PITTSFIELD WATER WORKS		.01	.01	.03	.01																					.06
PRAIRIE DU ROCHER W WKS		.01	.02																							.03
PRINCETON 1 S	//	.01	.07	.02	.01	.01	.01																			.13
PROPHETSTOWN		.02	.01																							.03
QUINCY CAA	6	*	*	*	*	*	.09																			
QUINCY DAM 21			.06																							.06
RANTOUL CHANUTE AF BASE	//	*	*	*	*	*	*	*	*	*	*	*	.60													.60
RICHVIEW		.02	.08	.03																						.13
ROCKFORD CAA	6	*	*	*	*	*	.32	*	*	*	*	*	.04													
SKOKIE N S TREAT WKS		.04							.06	.03	.04	.12		.01												.30
SPRINGFIELD WB AIRPORT	//		.03		.02																					.05
SPRINGFIELD WB CITY				.03		.01																				.04
SULLIVAN WATER WORKS	//	.06	.01		.07																					.14
URBANA EXP FARM		.04	.12	.15	.01	.11																				.43
VANDALIA		.02	.03	.10																						.15
WASHINGTON				.01	.05	.04	.01	.03	.01		.02		.01	.02	.01	.01										.22
WENONA		*	*	*	*	*	.30																			.30
WEST FRANKFORT 8 E			.03	.04																						.07

—23d—

CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANKAKEE SEWAGE PLANT		.01			.01																					.02
MAROA SEWAGE PLANT		.03	.03	.07																						.13

—24th—

CAIRO WB CITY																									.05	.05
FREEPORT SEWAGE PLANT																							.01			.01
FULTON DAM 13												.01		.01									.01	.02		.05
JACKSONVILLE SEWAGE PL											*	*	*	*	*	*	*	*	.05							.05
MOLINE WB AIRPORT	//																				.12					.12
PRINCETON 1 S	//												.02	.01												.03
QUINCY DAM 21														*	*	*	*	*	*	*	*	.03				.03

—25th—

AUGUSTA HIGH SCHOOL																								.01	.01	.02
BEARDSTOWN LAGRANGE DAM	//																								.07	.07
BELLEVILLE SCOTT AF BSE	//																			*	*	*	*	*	*	*
CAIRO WB CITY																							.02	.05	.12	.19
CAMP ELLIS																					.01					.01
CARPENTER 1 SW																									.03	.03
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CISNE BROWN CAMP																								.05		.05
COLLINSVILLE																							.01	.04	.02	.07
COULTERVILLE																									.03	.03
EFFINGHAM CAA	//																								.02	.02
FULTON DAM 13			.02																							.02
GALATIA																									.11	.11
GLENDALE EXP FARM																								.02	.10	.12
GOLCONDA DAM 51																								.03	.07	.10
GREENFIELD																		.01	.01				.01	.01	.04	.08
JACKSONVILLE SEWAGE PL																								.06	.04	.10
LANARK																							.04			.04
LOUISVILLE																									.05	.05
MAROA SEWAGE PLANT																		.03	.05						.01	.09
MORRISONVILLE																								.03		.03
MT CARMEL WATER WORKS																							.04	.04	.19	.27
MURPHYSBORO WATER WORKS	//																							.38	.30	.68
PARIS SEWAGE PLANT																									.10	.10
PEORIA WB AIRPORT																									.01	.01
PITTSFIELD WATER WORKS																						.02	.03	.04	.09	.18
PRAIRIE DU ROCHER W WKS																						.01	.02	.02	.06	.11
QUINCY DAM 21																								.01	.01	.02
RICHVIEW																									.05	.05
SPRINGFIELD WB AIRPORT	//																							.01	.06	.07
SPRINGFIELD WB CITY																									.01	.01
VANDALIA																								.06	.04	.10
WEST FRANKFORT 8 E																									.07	.07

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—26th—																									
ALEXIS WATER WORKS					.05	.01	.02	.14	.33	.07			.01						.01			.16		.02	.82
AUGUSTA HIGH SCHOOL		.01	.03	.01	.04		.31	.39																	.79
BEARDSTOWN LAGRANGE DAM //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.28									1.28
BELLEVILLE SCOTT AF BSE //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.73	.73
BELVIDERE SEWAGE PLANT											.07	.18	.04	.01		.02	.01	.01		.03	.06	.01		.01	.45
BRADFORD CAA 6	*	*	*	*	*	*	*	*	*	*	*	.32	*	*	*	*	*	.08							
CAIRO WB CITY	.34	.42	.03		.07	.07									.01	.25	.40	1.38	.21						3.18
CAMP ELLIS	.02	.02	.02	.03			.01	.24	.47	.08	.02		.05	.01	.01				.02	.03	.01				1.04
CARPENTER 1 SW	.03	.01	.02	.02			.15	.04	.01					.04	.02	.04									.38
CHICAGO CAL TREAT WKS	-	-	-	-	-	-	-	-	-	-	-	.01	.01	.03	.09	.01	.01	.01					.06	.30	
CHICAGO LOYOLA UNIV											.04	.11	.02	.02	.06	.03	.01				.01		.06	.11	.47
CHICAGO N BRA PUMP STA							.01				.04	.12	.02	.02	.05	.04	.01							.14	.45
CHICAGO SAN DIST DISPAT						.01	.01	.01			.01	.10	.01		.06	.01							.24	.15	.61
CHICAGO SAN DIST OFF							.01	.01			.01	.12	.01	.01	.05	.01	.01						.12	.17	.53
CHICAGO UNIVERSITY						.01	.01				.02	.10	.02		.07	.02	.01					.02	.04	.12	.44
CHICAGO WB AIRPORT						.01	.02				.01	.10	.01	.01	.08	.01							.20	.09	.54
CHICAGO WB CITY							.02	.01			.01	.07	.01	.02	.05	.02							.19	.10	.50
CISNE BROWN CAMP	.05	.20	.02	.06				.10	.25	.05						.02	.65	.40	.62	.05			.01		2.48
COLLINSVILLE	.01	.01				.06	.15	.19	.01					.30	.05	.10									.88
COULTERVILLE	.05	.05	.02		.13	.01		.56	.07	.01	.01					.06	.18	.05							1.20
CRETE											.05	.13	.01	.04	.09	.01	.01	.01		.02		.06	.05	.32	.80
DANVILLE WATER WORKS			.02	.02	.04	.04		.16	.33	.07	.05	.33	.12	.04	.01		.23	.40		.02					1.88
DIONA		.03	.07	.04			.01	.02	.23	.25	.32				.02	.03	.05	.05	.05					.03	1.20
DOWNS 2 NE	.01	.02	.01	.01	.01	.01			.13	.39	.10		.02	.03	.02	.01					.01	.08	.10	.16	1.12
DWIGHT STATE REFORM					.02					.02	.29	.04	.01	.09	.02								.02	.18	.69
EFFINGHAM CAA //		.03	.04			.06		.18	.29	.34	.04						.04	.05	.06		.02		.02	.01	1.18
EVANSTON PUMP STA								.01			.04	.11	.04	.02	.03	.05						.01		.06	.37
FAIRBURY WATER WORKS //			.07	.04	.01				.05	.22	.18		.03	.05	.02	.01	.01	.01			.01	.18	.18	.35	1.42
FARMER CITY						.01		.09	.18	.15	.40	.09	.01	.04	.01	.07	.03				.01	.01	.05	.03	1.18
FREEPORT SEWAGE PLANT				.02						.08	.01	.20		.01	.04	.05	.02			.15	.07		.10	.02	.77
FULTON DAM 13									.03	.08	.19	.09	.01	.08	.01	.02			.02	.05	.12	.37	.01	.01	1.09
GALATIA	.61	.17	.08	.01	.02	.02	.01								.14	.03	.32	.21	.14	.06					1.82
GLENDALE EXP FARM	.25	.49	.26		.01	.05	.02			.01					.02	.07	.27	.34	.82	.06					2.67
GOLCONDA DAM 51	.18	.72	.20			.05	.03								.14	.01	.26	.28	1.00	.37					3.24
GREENFIELD	.04	.01			.01		.04	.10	.09	.01	.01	.01		.02	.02	.01		.01		.02	.03	.01			.44
HOOPESTON				.01	.02	.03	.01		.03	.27	.06	.13	.04	.05	.02	.03	.03	.15	.01						.89
HUTSONVILLE //		.02	.01		.03			.15	.02	.15	.65	.43	.17	.02	.01	.02		.10	.32	.13	.29	.03	.01	.02	2.58
ILLINOIS CITY DAM 16				.04			.01	.20	.13	.12			.03	.01	.06	.02	.01	.01	.01						.65
JACKSONVILLE SEWAGE PL	.04	.04		.01	.12	.03	.07	.05	.15				.03	.02	.05						.02				.63
JOLIET WB AIRPORT 6	*	*	*	*	*	.02	*	*	*	*	*	.14	*	*	*	*	*	.09	*	*	*	*	*	.26	
KEWANEE BAKER PARK						.03			.03	.02	.35	.04		.01			.02	.01	.04	.01	.01				.57
LANARK	.01								.03	.10	.14	.06	.02	.09	.01	.03			.05	.05		.15	.02	.03	.79
LAWN RIDGE								.01	.13	.30	.03		.01	.01		.01	.01	.01							.52
LOCKPORT LOCK AND DAM						.01	.03				.06	.05	.02	.03	.03		.07						.09	.06	.45
LOCKPORT POWER HOUSE					.02		.01				.10	.05		.07	.07								.13	.05	.50
LOUISVILLE	.03	.01	.07	.02	.08	.04		.06	.94	.26							.14	.19	.07		.03	.03			1.97
MARIETTA		.01	.03	.03	.01	.02		.11	.44	.04			.02		.02			.02	.04	.01					.80
MAROA SEWAGE PLANT	.13	.20	.14	.05	.01	.02		.02	.06	.01	.01	.01		.03		.22	.02								.93
MASON CITY	.08	.05	.02		.04	.01		.10	.35	.34	.01		.03	.02	.03	.01									1.09
MC HENRY								*	*	*	*	*	*	*	*	*	*	*	*	*	*	.45			.45
MOLINE WB AIRPORT //			.02				.09	.13	.20	.04	.01		.02	.07				.04	.08	.12	.12				.94
MORRISONVILLE	.05	.02		.03			.10	.07	.05	.03	.01			.01	.05	.04									.46
MT CARMEL WATER WORKS	.30	.66	.11	.01	.04				.04	.07					.01	.01	.12	.25	.15	.28	.12				2.16
MURPHYSBORO WATER WORKS //	.22	.13	.07	.02		.01	.12								.25	.20	.53	.64	.01						2.20
OREGON POWER PLANT //										.05	.15	.07		.03						.04	.04	.01	.01		.40
PARIS SEWAGE PLANT	.18			.03	.07	.05	.23	.24	.33	.12	.01		.04	.01				.01							1.32
PEORIA LOCK AND DAM //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT		.01	.06					.22	.51	.01		.06	.03	.01					.02						.93
PIPER CITY										.01		.01	.01		.01		.01				.01	.02	.02	.01	.11
PITTSFIELD WATER WORKS	.05		.02	.08	.01	.01	.20	.15	.15		.03	.07	.02	.01											.80
PRAIRIE DU ROCHER W WKS	.12	.03	.01	.11	.08	.01	.35	.22	.01			.01		.01	.52	.20	.05	.05							1.78
PRINCETON 1 S //						.02	.01		.02	.17	.17	.03		.05		.03			.01	.03		.03			.57
PROPHETSTOWN									.06	.14	.11	.05	.02	.02	.01	.02			.02	.01		.01	.12	.01	.60
QUINCY CAA 6							*	*	*	*	*	.82													
QUINCY DAM 21	.02	.02	.01	.01	.02		.29	.36	.11	.02	.02		.01	.01	.01	.02									.93
RANTOUL CHANUTE AF BASE //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90	.90
RICHVIEW	.02	.03	.05	.02	.06	.15	.04	.33	.07	.01						.05	.22	.13			.03	.01	.01		1.23
ROCKFORD CAA 6							*	*	*	*	*	.24	*	*	*	*	*	.05	*	*	*	*	*	.09	
SKOKIE N S TREAT WKS								.01			.04	.12	.04		.04	.04						.01		.06	.36
SPRINGFIELD WB AIRPORT //	.03			.01	.02	.05	.10	.26	.18	.01		.01	.01	.03	.02	.01				.21	.03				.98
SPRINGFIELD WB CITY	.07	.03				.02	.06	.02	.25	.07	.10		.01	.01	.03	.03				.01	.11		.01		.83
SULLIVAN WATER WORKS //		.02	.11	.07	.02	.05	.03	.05	.10	.12	.03				.01	.10	.27	.02			.01	.01			1.02
URBANA EXP FARM		.09	.09	.08	.23	.06	.01			.13	.25	.07	.01		.01										1.03
VANDALIA	.06	.10	.01		.04	.01	.04	.39	.14							.01	.05	.01			.03				.89
WASHINGTON				.04	.01			.01	.10	.35	.01		.08	.02	.05						.05	.05			.77
WATERMAN //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WENONA								.05	.18	.17	.02	.06	.07	.03	.01	.01				.02	.06		.01		.69
WEST FRANKFORT 8 E	.23	.28	.12	.02				.05	.01							.04	.34	.28	.12	.06	.01				1.56
—27th—																									
CHICAGO CAL TREAT WKS	.25	.02																							.27
CHICAGO LOYOLA UNIV	.03	.05																							.08
CHICAGO N BRA PUMP STA	.02	.06																							.08
CHICAGO SAN DIST DISPAT	.06																								.06
CHICAGO SAN DIST OFF	.03																								.03
CHICAGO UNIVERSITY	.15	.06																							.21
CHICAGO WB AIRPORT	.06	.02																							.08
CHICAGO WB CITY	.08	.02																							.10
DANVILLE WATER WORKS		.03																							.03
DIONA	.05	.02																							.07
DWIGHT STATE REFORM	.04																								.04
EVANSTON PUMP STA	.02	.06																							.08
FREEPORT SEWAGE PLANT	.02																								.02
HUTSONVILLE //	.02																								.02
SKOKIE N S TREST WKS	.01	.03																							.04
—28th—																									
CHICAGO CAL TREAT WKS						.01																			.01
PROPHETSTOWN	.03																								.03
—30th—																									
ALEXIS WATER WORKS										.01	.05	.04	.19	.01			.07					.07	.26		.70
AUGUSTA HIGH SCHOOL																.02	.08	.10	.02	.18					.40
BEARDSTOWN LAGRANGE DAM //								.03	.05	.09	.01					.02	.05	.41	.36						1.02
BELLEVILLE SCOTT AF BSE //						.34	.09	.02	.03	.01															.49
BELVIDERE SEWAGE PLANT														.01	.14	.03			.05				.08	.07	.38
BRADFORD CAA 6							*	*	*	*	*	.04	*	*	*	*	*	.21	*	*	*	*	*	.46	
CAIRO WB CITY									.05	.01		.02	.03	.04											.15
CAMP ELLIS								.01	.05	.03	.02	.02			.01	.01	.01	.03	.06	.14	.02	.02			.43
CARPENTER 1 SW						.20	.10		.03													.06	.05		.44
CHICAGO CAL TREAT WKS												.01			.01		.10	.02	.06	.12	.09	.28	.15	.15	.99
CHICAGO LOYOLA UNIV																.07	.12	.02	.12	.23	.04	.16	.05	.19	1.00
CHICAGO N BRA PUMP STA														.01		.06	.16	.02	.13	.18	.04	.20	.07	.20	1.07
CHICAGO SAN DIST DISPAT													.01			.01	.09	.05	.13	.08	.01	.09	.01	.48	1.26

See reference notes following Station Index.

Table 4—Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO SAN DIST OFF														.01			.03	.10	.09	.17	.11	.01	.08	.42	.86	1.88
CHICAGO UNIVERSITY																.01	.03	.10	.03	.05	.11	.02	.08	.47	.98	1.88
CHICAGO WB AIRPORT													.02				.02	.08	.02	.09	.07	.01	.07	.39	.59	1.36
CHICAGO WB CITY													.01	.01			.01	.08	.09	.14	.10	.03	.10	.28	.46	1.31
CISNE BROWN CAMP									.17		.01	.11	.01													.30
COLLINSVILLE						.10	.23	.05	.07	.05	.01	.01	.01										.21	.01		.75
COULTERVILLE		.01	.02		.01	.02	.01																	.01	.09	.17
CRETE																.02	.01	.01	.03	.05	.58	.09	.19	.02	.13	1.13
DANVILLE WATER WORKS										.02	.04	.01	.10	.06	.02			.04	.01		.02	.01		.02		.35
DIONA															.19	.16	.02	.02	.01		.02	.01	.02			.45
DOWNS 2 NE								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DWIGHT STATE REFORM											.04	.01						.07	.26	.14	.21	.05	.07	.30		1.15
EFFINGHAM CAA	//						.03	.22	.10									.02						.07	.03	.47
EVANSTON PUMP STA																.03	.17	.08		.02	.35	.02	.10	.05	.16	.98
FAIRBURY WATER WORKS	//									.03	.07	.02	.02		.02	.01	.01	.05	.01		.25		.01	.01		.51
FARMER CITY										.09	.03	.07	.03			.01								.04	.01	.28
FREEPORT SEWAGE PLANT														.04		.10	.01			.08					.13	.36
FULTON DAM 13													.02	.03	.08	.02			.08	.01				.04	.19	.47
GALATIA											.14	.11	.03	.02												.30
GLENDALE EXP FARM										.15	.22	.01	.01	.14	.02											.55
GOLCONDA DAM 51											.19		.06	.08	.05	.11	.04									.53
GREENFIELD							.04	.07	.10	.15	.05						.02					.02	.36			.81
HOOPESTON											.05	.02	.02		.01		.03	.05	.02					.05	.34	.59
HUTSONVILLE	//									.03	.21	.16	.01	.08	.04	.02	.02									.57
ILLINOIS CITY DAM 16												.03	.05	.20	.07				.13			.01	.46	.01	.01	.97
JACKSONVILLE SEWAGE PL				.02			.01	.07	.02	.08	.08											.30	.08			.66
JOLIET WB AIRPORT	6							*	*	*	*	*	.01	*	*	*	*	*	.21	*	*	*	*	*	1.50	
KANKAKEE SEWAGE PLANT												.01	.01	.01					.03		.09	.05	.02	.01	.01	.24
KEWANEE BAKER PARK												.01	.02	.03	.11	.04		.11	.05			.10	.06	.33	.04	.90
LANARK													.05	.02	.10	.03			.04	.05				.07	.32	.68
LAWN RIDGE										.01	.02	.03	.26	.01	.05	.29	.04	.04	.17	.08	.01	.02				1.03
LOCKPORT LOCK AND DAM																	.10	.07		.13	.04	.04	.05	.62	.60	1.65
LOCKPORT POWER HOUSE																	.10	.05		.15	.03	.04	.13	.65	.63	1.78
LOUISVILLE								.12	.27	.04	.02	.08	.01													.54
MARIETTA											.02	.01		.01	.01			.02	.03	.13	.27	.04	.10			.64
MAROA SEWAGE PLANT		.02	.05	.08	.01	.06		.01	.01	.01			.01	.01			.15	.08	.01							.51
MASON CITY									.03	.06	.04												.05	.12		.30
MC HENRY																.07	.10	.04			.08	.01		.05	.12	.47
MOLINE WB AIRPORT	//										.01		.10	.37				.04				.01	.15			.68
MORRISONVILLE								.10	.10	.05	.05													.13		.43
MT CARMEL WATER WORKS										.01	.02	.02	.13		.23	.01										.42
MURPHYSBORO WATER WORKS	//										.03															.03
OREGON POWER PLANT	//													.03	.12	.09	.01		.07	.01			.02	.04	.37	.76
PARIS SEWAGE PLANT																.01	.01	.01	.07	.03	.06					.19
PEORIA LOCK AND DAM	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT									.02	.03	.01				.01	.03	.19	.06	.10	.13	.01	.05	.08	.14		.86
PIPER CITY											.05	.03	.05	.01	.01		.05	.03	.01	.01	.02		.03			.30
PITTSFIELD WATER WORKS							.02		.08	.15	.02								.10	.72	.01	.11	.01			1.22
PRAIRIE DU ROCHER W WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PRINCETON 1 S	//													.02	.01	.14			.15	.02	.01	.06	.16	.03	.12	.72
PROPHETSTOWN														.07	.19	.10			.06	.03			.01	1.08	.06	1.60
QUINCY CAA	6							*	*	*	*	*	.03	*	*	*	*	*	.16	*	*	*	*	*	.34	
QUINCY DAM 21											.04	.01		.02			.01	.17	.05	.05						.35
RANTOUL CHANUTE AF BASE	//								.09	.01	.03	.02		.04		.01	.02	.02					.01	.05	.05	.35
RICHVIEW								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.10	.10
ROCKFORD CAA	6													*	*	*	*	*	.25	*	*	*	*	*	.33	
SKOKIE N S TREAT WKS															.01	.02	.11	.08		.02	.34	.01	.12	.07	.17	.95
SPRINGFIELD WB AIRPORT	//							.05	.02	.01	.20	.05	.01									.15	.02		.01	.52
SPRINGFIELD WB CITY								.02	.03	.02	.23	.02	.01			.01							.11	.01		.46
SULLIVAN WATER WORKS	//								.11	.18	.01	.13	.02	.01											.07	.53
URBANA EXP FARM										.03	.04		.01											.16	.13	.97
VANDALIA								.31	.12	.01		.02	.01				.01							.05	.11	.64
WASHINGTON												.02	.03			.02			.05	.28	.47	.08	.02	.05	.01	1.03
WATERMAN	//														.08	.22	.04		.18	.23			.05	.15	.05	1.00
WENONA																.09	.01	.02	.03	.05	.20	.28	.12			.80
WEST FRANKFORT 8 E												.10														.10
														—31st—												
ALEXIS WATER WORKS								.01	.01						.03	.07										.12
BEARDSTOWN LAGRANGE DAM	//																		.04							.04
BELVIDERE SEWAGE PLANT		.09	.06	.09													.01									.25
BRADFORD CAA	6													*	*	*	*	*	.13	*	*	*	*	*	.04	
CAMP ELLIS																	.01		.01							.02
CHICAGO CAL TREAT WKS		.09	.03	.04																				.01	.01	.18
CHICAGO LOYOLA UNIV		.16	.14	.19	.01																				.05	.55
CHICAGO N BRA PUMP STA		.20	.28	.24	.01																	.01			.02	.76
CHICAGO SAN DIST DISPAT		.29	.16	.05	.01																	.02	.01	.05		.59
CHICAGO SAN DIST OFF		.46	.13	.08																	.04	.05			.01	.77
CHICAGO UNIVERSITY		.13	.04	.03		.02																	.04	.01		.27
CHICAGO WB AIRPORT		.13	.18	.04	.01																		.01	.02	.01	.40
CHICAGO WB CITY		.41	.21	.09	.02	.02															.01	.01	.01		.01	.79
COULTERVILLE		.01																								.01
CRETE		.06	.05	.06																			.02	.01	.01	.21
DANVILLE WATER WORKS																						.02	.03	.03	.01	.09
DIONA										.01	.01															.02
DOWNS 2 NE		*	*	*	.42																.02	.01	.02	.01	.01	.49
DWIGHT STATE REFORM		.05	.03	.01														.03	.02		.01			.02	.02	.19
EFFINGHAM CAA	//	.01	.01	.01																						.03
EVANSTON PUMP STA		.15	.20	.23	.03																			.01	.01	.63
FAIRBURY WATER WORKS	//																					.04	.03	.01	.01	.09
FARMER CITY													.01								.01		.01	.01		.04
FREEPORT SEWAGE PLANT		.20	.09	.01						.03	.02				.01	.03	.01	.02	.01	.01						.44
FULTON DAM 13																.03	.08	.03	.02	.01	.01					.18
HOOPESTON		.01	.01		.01														.01			.01	.01	.01	.02	.09
HUTSONVILLE	//																								.01	.01
ILLINOIS CITY DAM 16				.01	.01																					.02
JOLIET WB AIRPORT	6	*	*	*	*	*	.07													*	*	*	*	*	.02	
KANKAKEE SEWAGE PLANT			.16	.01	.01					.02	.01															.21
KEWANEE BAKER PARK																.03	.04	.02	.03							.12
LANARK		.16	.01											.02	.04		.02	.03								.28
LAWN RIDGE									.04					.02	.01	.02	.01	.01	.01							.12
LOCKPORT LOCK AND DAM		.03	.14	.01																						.18
LOCKPORT POWER HOUSE		.03	.14	.01					.01														.02	.01		.22
MASON CITY														.01						.01	.04	.01	.01			.08
MC HENRY		.09	.09	.02	.19															.01						.40
MORRISONVILLE										.01	.01	.01	.01													.04
MT CARMEL WATER WORKS			.01																							.01
OREGON POWER PLANT	//	.10	.06																							.16
PARIS SEWAGE PLANT			.01																							.01
PEORIA LOCK AND DAM	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT																			.02	.02						.04
PIPER CITY			.08																			.01	.02	.03		.14
PRAIRIE DU ROCHER W WKS		*	*	*	*	*	.40																			.40
PRINCETON 1 S	//															.02	.01	.04	.02	.03	.01	.05				.18
PROPHETSTOWN		.06	.01															.05	.03	.03	.01					.21
QUINCY CAA	6													*	*	*	*	*	.01	*	*	*	*	*	.04	

* See reference notes following Station Index.

Table 4–Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RANTOUL CHANUTE AF BASE	//																				.03	.01	.04	.01	.01	.10
ROCKFORD CAA	6	*	*	*	*	*	.16	*	*	*	*	*	.04	*	*	*	*	*	.06	*	*	*	*	*	.01	
SKOKIE N S TREAT WKS		.15	.01	.14	.02																				.01	.53
SPRINGFIELD WB AIRPORT	//																			.01						.01
SPRINGFIELD WB CITY																						.02				.02
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-										.02	.03		
SULLIVAN WATER WORKS	//	.02												.01	.01							.01				.05
URBANA EXP FARM		.05														.04	.03									.12
VANDALIA		.03	.02																							.05
WASHINGTON			.01	.01	.01	.01														.03	.02	.02	.01	.01	.01	.14
WATERMAN	//		.03	.02																						.05
WENONA																						.08	.01		.01	.10

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	37	38	40	60	53	41	45	46	40	35	32	39	46	40	35	33	36	32	36	58	63	55	45	70	67	56	61	71	65	65	48	48.0
	MIN	10	20	33	33	33	28	22	37	26	19	16						16	20	11	30	43	34	30	38	45	43	40	35	48	38	38	30.2
ALTON DAM 26	MAX	40	50	46	65	70	48	45	55	47	42	36	40	50	42	37	38	37	43	36	61	60	54	54	74	66	68	60	77	74	67	54	52.8
	MIN	15	20	30	34	39	28	24	35	27	25	24	18	27	24	14	23	27	23	22	29	44	31	36	41	45	49	42	38	45	50	40	31.3
ANNA	MAX	40	53	55	67	73	67	46	57	52	43	35	35	43	52	35	41	39	41	42	62	67	58	58	74	74	73	66	70	73	66	66	55.6
	MIN	16	23	28	38	48	35	25	39	42	27	23	25	28	29	17	22	34	25	24	30	45	42	38	44	59	60	48	45	46	54	46	35.5
ANTIOCH	MAX	30	34	36	48	46	38	40	52	41	32	30	34	42	39	28	30	35	32	36	54	66	59	42	58	61	50	54	65	69	43	41	44.0
	MIN	10	24	28	33	35	24	19	34	27	21	18	18	19	21	10	15	11	20	14	23	40	34	27	30	41	40	39	34	40	36	33	26.4
AURORA COLLEGE	MAX	34	35	37	57	52	38	41	51	42	31	29	35	43	39	30	31	34	32	37	57	63	60	46	66	61	49	59	68	74	46	50	46.0
	MIN	10	22	31	32	29	27	17	33	28	24	20	14	14	23	11	14	9	20	10	24	39	36	30	33	42	43	42	31	43	37	42	26.8
BELLEVILLE SCOTT AF BSE	MAX	37	50	49	68	75	47	45	55	49	37	34	35	42	49	31	39	37	40	36	61	64	56	54	75	67	70	67	72	74	66	60	52.9
	MIN	18	26	32	34	44	32	26	39	27	23	25	21	27	27	16	24	28	25	24	30	48	42	39	42	53	52	46	43	47	52	43	34.0
BLOOMINGTON NORMAL	MAX	30	45	43	62	62	51	44	50	46	34	34	36	43	39	32	40	39	37	37	59	67	64	43	69	68	64	63	71	73	70	62	50.9
	MIN	13	23	32	35	37	29	22	37	32	26	21	19	24	29	12	20	21	19	17	30	46	38	31	37	44	46	44	42	49	40	43	30.9
CAIRO WB CITY	MAX	40	52	56	65	73	57	48	58	54	36	40	38	46	53	35	44	44	44	45	65	69	59	60	76	75	76	68	73	73	69	65	56.6
	MIN	24	32	36	42	50	37	32	43	36	32	30	32	33	35	24	27	34	29	30	34	54	45	42	48	60	63	51	46	56	62	46	40.2
CARBONDALE SEWAGE PL	MAX	38		55	69	74	71	47	57	57	45	34	40	43	52	47	41	40	41	40	62	69	61	58	75	75	75	70	71	74	68	67	57.2
	MIN	17		26	34	49	35	23	39	44	29	24	24	29	25	20	22	35	22	25	29	49	45	40	42	60	60	56	43	45	50	45	36.2
CARLINVILLE 4 E	MAX	36	48	45	65	70	57	45	60	52	34	33	36	45	42	31	36	35	40	38	60	68	56	56	72	69	68	65	72	73	68	64	52.9
	MIN	14	17	32	30	42	29	20	38	33	26	21	14	27	23	14	20	29	20	16	26	46	41	34	40	47	48	44	42	41	44	42	31.0
CARLYLE	MAX	37	49	50	68	74	59	46	58	54	37	34	36	44	47	32	39	39	41	38	62	67	57	53	76	69	76	65	73	75	67	67	54.5
	MIN	15	22	26	31	43	31	22	38	34	22	15	14	25	24	16	22	28	20	20	31	47	40	35	40	51	50	48	43	48	52	43	32.1
CHARLESTON	MAX	34	49	40	66	73	58	45	59	51	38	31	38	46	43	34	35	38	38	40	59	69	64	50	72	66	67	65	73	74	66	63	53.0
	MIN	15	20	32	29	39	31	19	36	36	29	22	16	26	26	15	19	30	24	17	28	46	40	33	36	56	49	47	41	45	45	45	32.0
CHICAGO UNIVERSITY	MAX	29	36	38	57	54	38	39	52	36	30	30	31	39	37	30	31	36	32	34	55	67	54	36	66	63	60	61	61	72	44	50	45.1
	MIN	16	29	33	36	38	28	25	36	30	28	24	22	26	21	14	22	23	25	21	29	46	35	32	36	47	40	42	41	39	38	39	31.0
CHICAGO WB AIRPORT	MAX	35	35	38	58	53	35	40	54	36	31	31	35	42	35	30	30	36	32	35	56	68	55	40	68	62	59	59	68	73	47	52	46.1
	MIN	14	27	33	34	33	24	21	35	29	25	21	19	20	20	13	19	16	22	16	26	42	34	32	37	47	43	37	36	41	40	40	28.9
CHICAGO WB CITY	MAX	31	37	39	58	53	37	40	53	36	32	32	32	41	38	30	31	37	34	33	55	67	55	36	64	64	59	60	62	72	45	51	45.6
	MIN	17	30	33	36	37	28	27	36	30	29	24	23	28	20	15	23	24	26	22	31	48	36	33	36	48	41	42	41	40	39	39	31.7
CICERO	MAX	38	35	38	60	55	44	41	55	46	32	33	38	44	39	33	31	39	34	38	57	70	62	41	68	63	53	60	70	75	46	52	48.1
	MIN	13	21	33	34	35	27	20	35	30	28	21	20	21	25	13	18	16	23	16	27	42	37	32	34	47	44	44	35	43	40	41	29.5
DANVILLE	MAX	36	42	39	62	66	49	43	58	50	36	37	37	45	42	31	36	42	41	44	58	70	58	45	71	70	64	64	73	75	63	61	51.9
	MIN	15	23	31	33	39	28	18	36	35	28	21	24	22	25	15	22	27	24	16	27	45	39	34	35	56	47	46	42	46	44	43	31.8
DECATUR	MAX	39	48	40	65	66	50	46	60	50	36	31	40	47	41	32	41	39	40	39	62	68	57	47	73	67	65	63	74	75	63	63	52.5
	MIN	15	22	30	32	40	27	21	37	31	28	21	19	25	27	14	22	27	20	17	30	45	37	33	38	47	48	45	44	48	50	41	31.6
DIXON	MAX	34	37	38	56	54	43	42	52	42	34	32	38	45	42	30	31	35	34	37	59	67	58	46	67	62	52	58	67	74	55	51	47.5
	MIN	8	23	33	35	39	25	18	36	26	22	19	15	16	24	9	19	10	17	12	26	44	35	30	35	41	43	33	32	47	39	41	27.2
DU QUOIN	MAX	39	52	54	69	74	59	46	57	59	43	35	38	44	51	45	40	41	41	40	65	69	61	64	76	73	72	63	73	76	70	67	56.6
	MIN	16	23	26	36	45	35	24	24	43	28	23	22	23	28	18	23	35	25	23	31	31	33	39	42	43	47	54	44	48	56	47	33.4
EAST ST LOUIS	MAX	39	54	51	72	79	59	47	59	53	41	36	38	45	50	33	41	40	44	36	65	64	57	56	77	70	71	74	74	77	69	67	56.0
	MIN	18	24	32	33	44	35	25	39	33	26	27	21	26	26	17	24	29	24	24	31	47	41	39	43	52	51	48	41	46	54	44	34.3
EFFINGHAM CAA	MAX	37	48	45	65	72	43	44	61	45	33	32	35	44	46	30	36	37	40	37	60	67	57	47	73	69	68	64	72	74	63	58	51.7
	MIN	14	20	30	31	39	25	21	37	31	24	21	7	27	25	15	22	28	24	18	28	46	38	34	38	53	50	43	41	47	52	39	31.2
ELIZABETHTOWN	MAX	39	53	57	67	74	67	48	58	56	50	36	40	45	53	52	43	42	42	43	66	72	66	60	78	78	78	67	76	74	71	66	58.6
	MIN	16	24	29	35	48	36	24	40	48	31	22	24	32	31	21	20	36	27	23	30	48	46	41	43	54	47	56	39	49	52	54	36.3
FAIRFIELD	MAX	38	52	50	65	74	67	45	60	56	45	31	38	47	51	43	40	41	39	39	63	69	64	51	74	75	71	67	72	72	66	66	55.8
	MIN	18	20	26	40	45	34	23	41	44	30	22	21	29	27	18	19	33	26	22	30	44	43	37	39	39	54	51	46	45	51	50	34.4
FLORA	MAX	37	50	49	67	75	66	45	60	52	43	35	38	47	50	48	48	38	40	39	63	68	65	52	76	75	70	65	73	74	74	65	56.4
	MIN	14	19	27	30	42	30	20	35	40	27	18	16	20	21	18	28	31	21	19	34	41	40	34	35	56	50	50	40	56	44	46	32.3
FREEPORT	MAX	32	37	37	51	46	37	42	51	39	32	30	37	45	35	32	31	36	33	38	58	65	53	46	66	60	49	53	67	66	47	43	45.0
	MIN	7	23	31	33	30	23	18	34	22	19	19	15	16	19	9	15	9	16	8	28	43	32	25	32	40	39	39	28	43	37	34	25.4
FULTON DAM 13	MAX	34	37	39	51	46	39	42	52	38	33	31	34	43	38	28	31	34	33	36	57	64	55	44	68	63	50	57	65	64	52	48	45.4
	MIN	11	26	32	36	35	28	23	35	25	19	20	19	20	23	12	21	18	22	20	31	45	35	30	36	41	42	40	35	48	40	39	29.3
GALESBURG	MAX	37	42	40	63	56	40	46	45	39	36	30	39	46	36	30	38	36	34	31	55	65	54	46	70	58	63	53	71	72	58	54	47.8
	MIN	12	25	35	36	34	26	25	37	23	22	21	20	24	19	12	17	20	22	17	30	45	33	32	37	41	45	43	40	45	41	38	29.6
GALVA	MAX	40	42	39	62	56	44	45	50	39	35	32	39	42	38	32	34	35	34	38	60	68	58	47	70	71	54	64	71	75	66	56	49.5
	MIN	10	20	32	35	35	28	19	35	26	21	20	21	20	26	11	17	17	20	15	29	43	36	30	35	38	44	41	37	46	38	38	28.5

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GOLCONDA DAM 51	MAX	37	52	54	66	72	52	47	58	52	42	38	38	44	50	34	44	40	42	42	64	66	62	55	74	74	75	66	72	70	66	64	55.2
	MIN	17	26	30	36	46	34	27	38	39	26	22	24	30	30	20	24	34	28	26	29	48	40	39	42	53	58	49	42	47	52	44	35.5
GREENVILLE	MAX	37	50	49	67	73	56	46	61	52	35	33	37	46	47	32	36	36	41	37	62	66	56	51	74	68	69	64	73	75	64	64	53.5
	MIN	15	20	32	33	42	30	22	36	35	26	18	17	27	29	15	21	30	20	22	29	42	42	34	40	50	49	47	39	43	51	44	32.3
GRIGGSVILLE	MAX	35	49	43	65	65	65	48	58	52	38	37	38	47	43	33	45	38	40	38	64	63	55	62	73	70	65	69	73	76	71	68	54.4
	MIN	10	19	31	34	41	23	21	38	26	20	22	16	22	24	12	19	24	17	26	27	44	36	31	41	39	44	41	42	47	48	38	29.8
HARRISBURG	MAX	39	53	57	68	74	66	49	58	56	49	37	39	45	54	44	42	40	40	40	66	72	61	57	78	79	78	67	75	75	77	69	58.2
	MIN	18	21	26	35	48	40	24	41	47	31	24	24	30	28	20	21	35	28	24	29	49	44	40	42	60	56	54	41	49	50	51	36.5
HAVANA	MAX	36	47	41	64	61	42	47	53	44	37	35	39	46	42	32	44	42	38	37	60	68	56	47	72	68	64	63	74	76	66	63	51.7
	MIN	14	19	32	36	34	30	20	38	30	24	23	18	22	28	13	20	24	18	18	23	45	37	32	37	43	46	44	39	44	43	40	30.1
HENRY	MAX	37	47	37	64	61	44	45	51	42	39	35	39	48	39	34	33	37	35	39	59	68	57	42	68	62	60	62	72	75	60	53	49.8
	MIN	12	24	33	36	36	29	22	38	28	24	21	16	19	28	12	21	16	22	16	31	47	36	30	36	42	46	44	36	50	40	39	30.0
HILLSBORO	MAX	37	50	46	65	72	56	45	60	53	35	34	38	44	44	32	35	36	41	37	61	66	58	51	73	69	68	64	73	72	68	65	53.2
	MIN	15	21	33	31	42	31	21	39	35	27	20	16	28	26	15	19	30	20	20	28	44	40	35	41	49	49	47	43	42	49	44	32.3
HOOPESTON	MAX	35	45	38	62	62	45	44	54	46	34	32	37	43	39	31	35	41	37	39	58	71	62	42	70	66	62	63	71	73	63	61	50.4
	MIN	14	23	31	31	36	30	19	34	34	28	23	17	20	26	14	20	21	24	15	25	45	39	32	36	51	47	45	39	44	40	44	30.5
JACKSONVILLE	MAX	36	50	44	67	65	54	47	61	53	38	35	40	47	43	33	45	38	40	38	61	65	56	50	72	70	65	65	75	77	70	65	53.7
	MIN	12	17	33	34	34	30	19	38	31	25	24	17	23	25	14	20	28	19	16	29	46	39	33	41	41	47	45	38	46	50	41	30.8
JOLIET WB AIRPORT	MAX	35	38	37	58	56	42	40	52	43	32	30	36	43	35	30	31	36	34	36	57	68	54	46	67	60	60	60	68	74	50	51	47.1
	MIN	13	26	32	31	30	20	18	35	29	24	21	20	16	20	12	17	9	18	13	24	40	34	32	36	46	45	34	33	40	40	38	27.0
KANKAKEE	MAX	34	43	38	59	59	43	41	52	45	32	31	37	43	38	30	32	38	35	37	56	67	60	42	68	62	61	61	67	71	54	52	48.0
	MIN	14	25	32	33	34	29	22	35	31	28	22	20	20	28	13	20	19	24	19	26	43	30	32	38	46	46	44	38	44	38	41	30.1
KANKAKEE 4 W	MAX	33	43	38	58	57	48	40	53	47	32	30	34	41	39	32	31	36	34	36	56	67	64	42	67	63	59	60	67	72	69	52	48.4
	MIN	13	25	32	33	32	29	21	34	31	28	22	19	20	30	13	19	17	23	16	25	41	39	31	37	46	44	43	36	45	38	43	29.8
LA HARPE	MAX	37	44	42	65	58	47	45	44	40	38	39	40	45	38	31	43	37	36	36	62	61	55	48	71	68	62	63	72	74	71	57	50.6
	MIN	10	20	34	35	34	26	20	38	26	20	23	14	22	28	12	22	20	15	17	29	44	31	32	39	38	44	42	36	49	42	39	29.1
LA SALLE	MAX	36	45	40	62	55	41	46	53	44	35	32	39	45	38	31	32	36	34	37	60	69	58	47	69	62	55	62	72	76	50	51	48.8
	MIN	12	27	35	36	33	29	21	37	29	25	22	19	19	27	12	22	16	22	14	29	45	38	32	38	44	46	44	38	48	39	41	30.3
LINCOLN	MAX	37	49	40	65	64	47	45	60	51	31	31	40	47	39	33	42	39	40	39	60	69	57	45	72	66	64	63	73	76	64	62	51.9
	MIN	13	22	30	34	38	29	21	36	31	26	22	20	24	29	13	22	24	18	17	30	43	37	33	38	45	47	45	42	45	44	42	31.0
MARENGO	MAX	32	34	36	51	45	39	40	53	39	30	28	34	43	34	29	30	35	31	34	55	65	56	47	66	59	48	56	67	72	44	43	44.4
	MIN	11	25	31	34	34	21	21	35	26	21	21	17	18	22	11	19	9	20	12	22	41	32	31	32	40	40	41	35	40	37	35	26.9
MATTOON	MAX	33	46	39	64	70	42	42	59	43	34	31	35	42	43	30	36	38	39	37	58	68	56	48	71	58	66	63	71	71	63	63	50.6
	MIN	15	21	31	30	42	27	19	36	30	27	24	18	26	25	14	21	27	25	18	29	45	36	33	37	52	48	43	41	44	49	39	31.4
MC LEANSBORO	MAX	39	51	53	67	74	70	46	57	56	45	35	40	47	53	46	41	43	40	42	64	71	67	55	76	77	73	67	73	75	71	68	57.5
	MIN	17	21	27	32	47	35	23	38	44	31	25	24	32	31	21	24	37	29	27	33	51	46	41	41	60	56	54	44	50	55	51	37.0
MOLINE WB AIRPORT	MAX	35	38	40	58	52	38	44	50	37	34	28	37	44	33	29	31	32	33	36	59	64	53	45	70	59	60	52	69	70	49	49	46.1
	MIN	11	23	34	38	31	24	20	37	25	19	21	18	18	16	11	20	13	20	16	31	46	33	30	38	41	44	37	36	44	39	36	28.1
MONMOUTH	MAX	35	39	43	61	57	38	43	45	33	35	30	36	44	32	35	38	34	34	37	57	61	48	44	69	69	54	51	58	73	57	44	46.6
	MIN	10	21	32	32	33	27	19	32	29	19	15	16	20	26	11	18	18	20	15	29	40	35	31	37	39	43	35	39	44	39	36	27.7
MORRIS 3 NE	MAX	35	41	38	59	57	45	45	56	46	31	30	37	44	39	32	32	37	36	38	59	70	65	46	67	66	55	52	70	74	54	51	48.6
	MIN	12	25	32	34	32	28	22	34	31	27	21	17	19	29	12	19	14	19	12	25	40	40	31	36	44	34	44	34	47	37	43	28.8
MORRISON	MAX	35	37	40	55	51	39	44	53	40	34	33	38	45	40	30	32	39	34	36	60	68	55	46	69	62	55	57	68	70	50	51	47.3
	MIN	8	22	32	33	30	20	18	35	24	19	18	14	16	22	9	17	11	18	12	28	41	35	28	34	39	41	39	32	44	37	40	26.3
MORRISONVILLE 1 E	MAX	35	46	42	63	67	52	44	64	51	35	32	36	44	43	30	36	36	39	36	59	66	58	48	70	70	67	65	71	72	65	63	51.8
	MIN	11	18	28	27	37	26	18	34	31	23	15	12	22	22	12	20	26	16	16	25	39	36	31	35	42	45	42	39	38	43	39	28.0
MT CARMEL	MAX	40	50	48	67	75	70	48	58	52	48	40	40	48	52	45	40	45	42	43	65	70	60	53	77	78	75	67	75	76	70	65	57.5
	MIN	20	20	29	30	47	32	23	38	45	30	22	21	28	28	18	20	35	28	22	32	47	45	37	40	50	55	50	45	47	54	51	35.4
MOUNT CARROLL	MAX	32	37	38	52	48	39	43	52	40	33	31	37	44	40	28	31	32	32	34	58	65	55	44	67	62	52	57	65	67	52	48	45.6
	MIN	8	25	33	35	32	27	20	37	24	19	20	16	18	22	9	20	8	20	11	28	45	34	27	35	41	41	40	30	44	39	37	27.3
MT VERNON	MAX	42	52	54	70	75	55	46	56	48	35	35	40	48	52	35	40	40	40	40	62	70	58	57	75	76	68	61	73	74	65	62	55.0
	MIN	12	18	23	28	41	30	19	34	35	26	16	15	25	25	13	17	30	19	17	25	43	37	33	35	53	48	45	35	40	48	42	29.9
NEW BURNSIDE	MAX	37	52	56	66	73	66	48	57	54	46	36	38	43	52	43	41	40	41	42	64	70	61	60	76	78	75	67	71	74	68	67	56.8
	MIN	15	20	24	35	45	35	19	34	44	28	18	21	28	24	18	17	35	26	19	26	18	42	38	43	58	60	51	41	49	50	46	33.1
OLNEY	MAX	35	48	45	66	74	58	45	59	48	44	35	36	45	50	44	37	40	40	40	61	69	66	49	74	75	73	65	72	74	64	64	54.7
	MIN	11	20	31	31	45	32	21	37	44	30	22	20	30	26	17	22	31	25	21	31	47	42	36	38	60	53	49	44	48	50	47	34.2
OTTAWA	MAX	37	45	39	62	56	42	44	53	43	34	32	39	45	37	32	32	37	34	38	58	79	58	45	67	61	54	60	69	75	50	51	48.6
	MIN	12	25	34	35	30	29	22	35	30	26	22	18	20	27	12	20	17	21	15	27	42	38	32	37	44	45	44	36	46	40	41	29.7
PALESTINE	MAX	38	48	41	64	75	46	46	61	49	42	37	38	45	49	33	38	42	42	40	60	69	60	48	74	76	69	64	72	74	63	63	53.7
	MIN	16	17	31	28	43	32	17	37	42	29	22	20	27	25	17	20	31	26	19	28	47	41	38	36	59	53	46	42	45	50	47	33.3
PANA	MAX	37	48	45	66	73	52	46	64	50	37	35	35	44	45	31	37	37	41	40	60	73	57	50	74	68	69	64	74	74	65	65	53.4
	MIN	15	20	32	30	41	27	20	36	32	25	19	18	26	27	15	20	29	21	19	27	45	38	33	37	48	48	46	40	43	48	43	31.2
PARIS WATER WORKS	MAX	33	46	40	64	70	53	43	58	46	40	32	45	43	41	30	37	39	38	39	57	70	65	48	70	71	65	64	72	73	64	64	52.3
	MIN	16	21	30	30	40	31	19	36	40	28	22	20	24	26	16	20	30	25	17	29	47	40	34	35	56	47	46	44	48	48	44	32.5
PEORIA WB AIRPORT	MAX	35	44	38	61	58	39	44	47	43	34	30	38	44	34	29	40	36	36	36	59	66	54	45	70	62	64	57	70	74	62	57	48.6
	MIN	12	20	33	36	33	25	20	36	27	23	21	20	22	19	13	22	20	21	17	31	46	34	32	38	43	46	42	38	45	40	38	29.5
PONTIAC	MAX	34	44	38	60	59	47	42	50	44	32	30	35	42	37	31	33	35	35	37	57	67	61	40	67	63	61	61	69	72	66	61	48.7
	MIN	14	25	33	34	37	30	23	34	31	27	22	19	22	28	14	21	21	24	18	27	43	38	32	36	44	46	43	38	46	40	42	30.7
QUINCY	MAX	36	49	44	67	63	46	47	52	41	39	32	40	48	39	33	47	35	39	33	67	63	54	54	77	71	65	63	75	79	65	62	52.4
	MIN	14	21	35	40	42	31	23	41	26	22	25	18	25	26	13	24	25	20	20	29	52	37	34	44	40	47	44	43	50	51	38	32.3
QUINCY CAA	MAX	34	48	41	64	60	43	44	53	40	38	30	38	45	36	30	45	36	38	32	67	61	52	53	75	59	64	55	72	75	62	51	49.7
	MIN	12	21	33	38	32	24	21	39	26	20	20	18	24	18	12	22	24	15	19	29	50	36	33	41	39	46	42	40	48	49	35	29.9
RANTOUL CHANUTE AF BASE	MAX	36	45	38	60	62	39	44	52	42	34	30	36	45	36	32	37	40	36	39	58	70	54	41	70	65	62	62	70	73	60	61	49.3
	MIN	15	25	32	32	39	26	22	36	30	26	22	22	26	24	15	20	25	25	19	25	42	36	32	35	50	48	43	43	43	44	38	31.0
ROBERTS 3 N	MAX	37	45	43	59	59	46	42	51	44	33	30	35	41	39	31	33	38	32	39	56	69	59	43	67	64	61	62	68	71	63	61	49.1
	MIN	13	24	31	32	34	29	23	33	30	28	21	19	22	29	13	20	20	23	17	26	42	37	30	34	45	45	41	38	43	38	41	29.7
ROCKFORD	MAX	32	36	36	52	47	40	40	54	41	34	30	37	45	40	29	31	33	33	37	57	65	60	48	65	62	53	54	68	71	52	43	46.0
	MIN	10	25	31	34	32	27	18	35	25	20	20	16	18	22	10	19	13	19	12	26	44	36	30	33	41	42	41	32	49	38	36	27.5

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ROCKFORD CAA	MAX	31	36	36	49	45	34	40	55	30	30	31	34	44	33	28	30	35	31	35	56	64	51	47	65	59	52	52	66	69	46	43	43.8
	MIN	10	25	31	34	32	22	20	30	23	20	20	18	19	15	11	18	10	18	12	25	43	31	30	32	40	40	34	31	39	38	32	25.9
RUSHVILLE	MAX	37	48	41	60	63	47	48	56	44	38	35	40	47	43	32	45	40	39	37	62	65	59	48	72	65	63	62	72	75	65	63	52.0
	MIN	12	20	33	34	37	32	20	38	27	23	24	16	23	22	14	21	24	14	19	28	44	37	32	40	41	46	47	41	43	45	38	30.2
SPARTA	MAX	39	53	54	72	77	69	47	57	54	39	35	37	43	50	41	40	39	41	44	62	67	57	57	75	72	70	65	73	75	69	66	56.1
	MIN	17	20	28	36	45	34	22	36	39	26	22	18	28	27	15	20	31	23	24	38	49	42	38	42	55	52	48	42	44	52	44	34.1
SPRINGFIELD WB AIRPORT	MAX	35	46	41	65	64	42	44	60	45	34	30	38	45	37	30	42	37	38	36	58	64	55	48	71	63	66	56	70	72	63	58	50.1
	MIN	15	20	32	38	35	25	21	39	28	24	22	17	26	22	15	23	27	20	17	30	47	35	33	39	45	48	44	41	50	49	38	31.1
SPRINGFIELD WB CITY	MAX	35	48	42	64	65	43	46	61	47	35	32	37	45	39	30	42	38	39	37	59	66	55	47	72	64	65	60	73	75	64	61	51.2
	MIN	16	27	35	38	39	30	26	40	29	27	24	22	29	23	15	24	28	22	22	31	46	37	35	41	47	50	46	45	49	50	40	33.3
STOCKTON	MAX	30	35	36	47	45	39	40	49	38	30	29	36	43	38	28	30	33	32	35	56	63	56	43	65	61	52	52	65	62	51	42	43.9
	MIN	5	22	31	33	34	24	19	36	22	15	16	14	19	20	7	18	11	16	10	29	42	34	25	32	38	37	38	34	42	38	35	25.7
SYCAMORE	MAX	38	35	36	54	49	37	42	53	37	30	30	34	43	37	29	30	35	31	38	57	66	55	47	65	58	54	55	66	74	59	48	45.9
	MIN	8	24	30	32	30	21	19	33	25	21	23	14	17	21	9	16	9	18	10	23	40	32	29	31	39	41	38		40	37	35	25.5
TABLE GROVE	MAX	37	47	40	64	59	40	44	46	41	35	30	39	44	38	30	44	36	36	36	60	65	55	46	71	64	62	58	72	75	64	62	49.7
	MIN	12	24	32	37	38	30	22	38	27	22	22	18	25	27	13	22	22	14	20	29	45	35	32	38	41	46	43	41	47	42	38	30.4
TUSCOLA	MAX	37	48	44	58	68	56	43	56	50	39	32	38	46	42	31	39	49	40	40	58	70	63	47	70	70	66	64	73	73	67	62	52.9
	MIN	15	22	32	31	37	31	22	36	35	30	22	20	25	27	13	21	29	23	17	28	42	39	33	36	50	48	46	41	42	48	45	31.8
URBANA	MAX	36	46	39	61	64	49	43	54	47	35	31	36	44	39	30	37	39	38	37	59	70	61	42	69	65	64	63	69	71	62	61	50.4
	MIN	14	16	33	31	38	30	20	35	33	28	21	22	24	28	14	22	25	23	17	27	42	39	32	37	50	47	47	44	42	44	42	31.2
VIRDEN	MAX	33	48	43	65	65	55	44	60	53	32	32	35	45	42	31	38	36	40	40	59	64	56	50	72	68	64	64	72	74	69	64	52.0
	MIN	15	21	33	33	41	30	22	36	32	25	22	17	26	27	14	22	29	21	19	28	44	40	34	40	57	48	44	39	45	50	41	32.1
WALNUT	MAX	33	40	39	56	53	45	43	51	42	34	32	36	43	42	32	31	34	32	35	57	66	61	45	67	65	55	50	68	73	65	53	47.7
	MIN	10	20	32	35	35	26	21	35	27	22	20	16	20	25	11	20	14	20	15	29	46	36	30	36	40	43	41	36	51	39	41	28.8
WATSEKA	MAX	35	44	39	61	63	48	42	52	45	33	31	37	43	38	31	33	38	37	39	57	69	61	40	68	65	61	62	69	73	65	61	49.7
	MIN	14	24	32	33	36	30	20	34	31	28	22	19	19	28	14	20	18	25	16	25	46	40	31	35	50	46	44	37	47	38	43	30.5
WAUKEGAN	MAX	34	34	37	52	48	39	41	53	35	30	32	35	43	35	30	31	36	30	38	56	68	55	39	52	60	47	57	63	67	42	42	43.9
	MIN	9	22	29	33	34	24	17	34	26	22	16	18	19	21	10	9	12	19	14	24	42	34	26	31	42	38	39	32	37	36	35	25.9
WHITE HALL 1 E	MAX	38	50	48	67	67	64	45	58	55	38	39	40	49	48	33	38	38	41	41	62	68	56	54	73	72	65	65	73	75	74	65	54.8
	MIN	15	19	33	32	36	29	20	33	32	25	25	19	25	26	15	20	29	19	19	22	46	38	34	42	44	48	44	38	44	50	41	31.0
WINDSOR	MAX	33	46		64	67	58	43	61	50	35	30	35	42	39	32	36	37	35	42	58	68	62	48	70	68	67	64	72	72	66	61	52.0
	MIN	14	21	30		39	30	30	35	35	27	20	16	24	26	13	20	29	26	17	28	42	39	32	36	32	47	46	40	44	48	44	31.0

See Table 6 following Table 1.

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32° F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
Z	Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

Daily river stages will not be published in Climatological Data in the future. They will be published annually in the publication "Daily River Stages - Principal Rivers of the United States".

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	[illegible]		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	[illegible]	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARRY	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	MATTHEW W DART	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	2 3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	[illegible]	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA	0873	BUREAU	1	41 13	89 37	795		MID	CAA	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		[illegible]	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 43	89 12	[illegible]	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	[illegible]		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 3 N	1386	MARION	2	38 34	89 08	498		6P	H G STEPHENSON JR	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN ISL	1420	GRUNDY	1	41 25	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	3
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PL	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	[illegible]	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	[illegible]	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON	1743	DE WITT	1	40 09	88 58	746		6P	CHARLES T SPRAGUE	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36			7A	BEN BURT	3
DANVILLE WATER WORKS	2150	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	3 4
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	FRANK E GORHAM	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	[illegible]	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	CAA	2 3 4 5
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 26	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 32	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	A C MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	[illegible]	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		[illegible]	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 40	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	[illegible]
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 02	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 51	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	JAMES R HUNTER	2 3 5
HARRISBURG HIWAY 13 BR	3884	SALINE	5	37 44	88 30			6A	J S NELSON	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L L EUTENEUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	IRVING R STROH	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5
HILLSBORO	4108	MONTGOMERY	[illegible]	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 41	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	[illegible]	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	5P	5P	JOSEPH A ARNOLD	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56		6P	[illegible]	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	MR BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE 5 S	4959	LAWRENCE	7	38 40	87 41	472		7A	FRANK BRAY	[illegible]
LE ROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05			MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		[illegible]	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC LANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	CHARLES H GRADY	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	7	39 23	87 43	606		6P	E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	HARRY L AGNEW	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	[illegible]	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	[illegible]	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	4	40 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	GEORGE ALLEN	3
MORRIS	5820	PIATT	[illegible]	41 21	88 26			7A	[illegible]	3
MORRIS 3 NE	5825	GUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 29	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	[illegible]	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	[illegible]
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	[illegible]	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 33	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	6	42 01	89 20	702		[illegible]	LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 21	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	CLINTON HOLLIS	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	MRS WALDO W GODEIR	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	[illegible]	41 39	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA	7072	ADAMS	4	39 56	91 13		MID	MID	CAA	3 4 5
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	[illegible]	39 56	91 25			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 20	88 10	744	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	[illegible]	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE MISSION HSE	7603	JASPER	7	38 56	88 01			7A	J DE PALMA	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8147	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 19	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	[illegible]	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 1 N	8604	BUREAU	1	41 18	89 30	512		6P	CHARLES PLASSCHEART	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 64	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 33	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	[illegible]	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 45	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	88 35			7A	ROBERT W SANDERS	[illegible]
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	88 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753	6P	6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	[illegible]	39 26	88 36	[illegible]	6P	6P	MRS HERBERT ROSE	2 3 5

‡ - DRAINAGE CODE: 1 Illinois, 2 Kaskaskia, 3 Lake Michigan; 4 Mississippi; 5 Ohio; 6 Rock; 7 Wabash

See reference notes following Table 5.

GPO CH FSO 5-18-49 1,300

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CLIMATOLOGICAL DATA

ILLINOIS

APRIL 1949

Volume LIV No. 4

CHICAGO: 1949

ILLINOIS - APRIL 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

The month averaged slightly cooler and much drier than normal, this being the driest April since that of 1934. Precipitation was especially deficient in the extreme south, nearly all stations in that division being two inches or more under normal for the month. Sunshine was more abundant than usual for April, especially in the extreme north. No damaging storms occurred during the month.

The first four days of April were rather cool but from the 5th through the 13th temperatures were generally above normal. Colder weather moved into the State on the 14th, persisting until the 20th, with most stations registering their lowest temperatures of the month on the morning of the 16th. Minimum readings were below 20° on the 16th at several localities in the extreme north. Temperatures averaged above normal for the last ten days of April.

Little precipitation of consequence occurred in Illinois before the 14th but from the 14th through the 17th precipitation totalled over an inch in many localities. On the 15th snow fell over much of the State but melted as it reached the surface except in portions of northern Illinois where snow accumulated to a depth of several inches. Showers were general on the 21-22d and again on the 26-27th, most extreme southern localities receiving their heaviest precipitation of the month during the latter period.

Field work generally was well advanced on Illinois farms in April with all growing crops mainly in good condition. Plowing for corn and soybeans was well along at the end of the month with a small amount of each crop planted in southern Illinois. Winter wheat had good stands and color and was just beginning to head in the extreme south at the end of April. The oat crop was generally in good condition but needed additional moisture. Truck and gardens were a little late. Prospects appeared favorable for good crops of tree fruits.

TEMPERATURE

The mean temperature for the State was 51.6°, which is 0.9° below normal for the month. The monthly mean temperatures ranged from 58.4° at Cairo to 44.7° at Waukegan. The highest temperature recorded in the State was 88° at Carlyle on the 23d and the lowest 13° at Freeport on the 16th.

PRECIPITATION

The average precipitation for the State was 1.77 inches, which is 1.79 inches below normal for April. The total amounts recorded at various stations ranged from 3.00 inches at Rockford CAA to 0.60 inch at New Burnside. The heaviest precipitation reported in any one day was 1.36 inches at New Boston on the 15th. The monthly average of snowfall was 0.4 inch or 0.3 inch less than normal. The greatest monthly amount was 5.0 inches at Oregon and Paw Paw while some central and many southern localities had none. The greatest depth on the ground was 5.0 inches at Paw Paw on the 15th.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m p h				Relative humidity averages—percent				Sunshine	Degree days 65 base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S.T.	1:30 p. E.S.T.	7:30 p. E.S.T.	Percent of possible	
CAIRO	30.38	19	29.49	14	9.1	35	W	14	-	-	-	-	60	218
CHICAGO AIRPORT	30.41	28	29.33	15	9.8	36	W	23	72	78	46	54	72	515
JOLIET AIRPORT	30.39	28	29.33	15	11.6	-	-	-	81	82	47	57	-	517
MOLINE AIRPORT	30.40	28	29.43	14	9.9	43	NW	23	72	77	42	44	70	471
PEORIA AIRPORT	30.35	19	29.36	14	11.5	40	NW	17	71	76	47	53	66	434
SPRINGFIELD AIRPORT	30.38	19	29.37	14	12.3	40	SW	14	77	81	53	59	65	422

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more
1890	53.2	88	17	3.18	T	8	1913	52.6	90	23	2.84	T	9	1936	49.0	91	9	2.44	2.3	10
1891	54.1	88	18	3.16	0.8	10	1914	52.9	90	15	2.22	T	8	1937	51.6	91	23	4.79	0.1	14
1892	49.8	87	20	6.37	T	11	1915	58.9	92	18	1.38	T	6	1938	54.4	89	19	3.11	2.3	9
1893	51.1	90	20	7.58	2.0	14	1916	51.0	86	19	1.64	0.3	10	1939	49.6	86	13	5.00	0.1	12
1894	54.1	95	23	2.77	T	8	1917	50.0	87	19	4.71	0.9	11	1940	51.0	89	18	4.07	0.6	11
1895	54.6	94	20	2.19	T	8	1918	48.0	84	21	5.37	T	12	1941	57.2	90	26	3.76	T	11
1896	59.3	95	13	2.81	0.9	8	1919	53.7	89	19	2.47	T	11	1942	56.8	93	24	2.62	T	7
1897	51.0	85	18	4.42	0.6	13	1920	47.4	80	8	4.47	4.8	13	1943	51.4	89	17	3.71	0.1	11
1898	50.3	86	15	3.31	T	10	1921	55.7	86	22	4.80	1.2	12	1944	50.4	82	17	6.52	T	13
1899	54.0	95	8	1.50	1.5	7	1922	54.3	85	24	5.08	T	11	1945	53.9	84	26	5.29	T	13
1900	53.6	88	19	1.47	1.9	7	1923	51.4	89	16	2.37	1.4	9	1946	56.0	92	21	1.97	0.4	8
1901	50.1	93	21	1.65	0.2	7	1924	54.3	90	14	2.18	0.3	10	1947	52.1	86	24	6.41	0.1	13
1902	50.7	90	18	2.44	T	7	1925	58.8	94	21	2.65	T	9	1948	57.1	91	22	2.05	T	6
1903	52.9	88	16	4.37	1.2	11	1926	46.6	94	11	3.15	5.0	9	1949	51.6	88	13	1.77	0.4	8
1904	46.9	87	13	3.75	1.6	8	1927	53.3	85	21	6.93	0.2	16							
1905	52.2	92	20	3.66	0.5	9	1928	48.7	83	15	3.31	0.9	9	PERIOD	52.5	96	8	3.56	0.7	10
1906	55.7	93	20	2.11	T	7	1929	55.4	93	23	5.23	T	13							
1907	44.4	83	11	2.81	0.6	9	1930	55.3	96	18	2.70	T	8							
1908	52.9	93	19	4.58	T	11	1931	53.4	88	21	2.70	T	9							
1909	50.8	88	11	6.24	0.2	11	1932	53.4	87	21	1.85	T	8							
1910	53.5	92	12	3.39	3.9	13	1933	52.3	89	21	3.53	0.1	12							
1911	50.3	84	17	5.05	1.3	12	1934	53.5	89	19	1.77	T	7							
1912	53.8	86	20	5.93	2.2	11	1935	49.8	89	22	2.62	0.9	9							

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																													Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CARBONDALE SEWAGE PL	EVAP	.210	.070	.060	.060	.090	.160	.180	.120	.190	.220	.070		.110	.180	.340	.090	.170	.240	.130	.110	.120	.030	.270	.260	.130	M	.140	.270	.190	.150		4.0518	
	WIND	131	70	65	55	44	63	35	46	60	86	11	24	46	50	282	101	105	102	60	24	26	90	70	50	65	65	57	67	76	30		2089	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground	Date	.01 or more	.25 or more	.100 or more
NORTHERN DIVISION																		
ALEDO	50.9	0.4	79	25+	23	16		9	1.23	-1.74	.52	14	1.0	T	15+	5	3	
ANTIOCH	46.3	0.2	75	30	23	16		14	1.96	.82	.68	15	T	T	15+	9	3	
CHICAGO UNIVERSITY	47.6	0.7	74	26	29	16		2	2.18	- .60	.94	14				9	3	
CHICAGO WB AIRPORT	47.8	0.9	75	30	26	16		8	2.14	- .40	1.21	14	0.5	T	15	10	3	1
CHICAGO WB CITY	48.1	0.4	75	26	28	16			1.60	- .94	.73	14				8	3	
CICERO	49.2	0.4	77	26	26	16		6	2.11	- .59	.71	15	T	T	15	9	3	
DIXON	48.9	-0.1	78	13+	18	16		12	1.47	-1.30	.42	15				9	3	
FREEPORT	46.6	-1.0	79	30	13	16		18	1.68	-1.05	.36	14	3.3	3	15	8	5	
FULTON DAM 13	49.6	1.3	78	25+	26	16		5	1.32	-1.51	.60	15				6	1	
GALESBURG	51.1		80	25	27	16		4	1.73	-1.35	.59	15	1.0	1	15	7	3	
GALVA	51.0M	1.5	80	25	22	16		9	2.05	-1.02	.64	15	2.5	2	15	6	4	
HENRY	50.3	-0.8	79	13	23	16		9	1.44	-1.69	.43	22	T			8	3	
JOLIET WB AIRPORT	47.8	1.1	77	13	24	16		11	1.40	-1.53	.46	14	T	T	15	8	3	
KANKAKEE	49.7	0.2	75	13+	26	16		9	2.27	- .84	.94	14	T	T	15	9	3	
KANKAKEE 4 W	48.9		74	13+	26	2+		10	1.93	-1.17	.68	15	0.5			10	3	
LA SALLE	50.5	0.0	80	25	24	4+		8	1.56	-1.30	.64	15	1.1			11	2	
MARENGO	46.3	-0.4	76	13+	21	16		17	1.81	- .83	.44	14	T	T	15	8	4	
MINONK	51.3M	1.2																
MOLINE WB AIRPORT	49.4	0.6	82	25	25	16		8	1.10	-1.59	.68	14	1.1	1	15	8	1	
MONMOUTH	49.9	-0.9	80	25	25	16		10	1.60	-1.45	.55	15	3.0	1	15	7	3	
MORRIS 3 NE	48.8	-0.6	80	13	22	16		12	1.51	-1.38	.46	15		T	15	11	1	
MORRISON	49.0	-0.5	80	25+	18	16		14	1.29	-1.71	.64	15	2.0	1	15	6	2	
MOUNT CARROLL	48.6	0.5	80	30	21	16		15	1.97	- .81	.78	26	3.4	3	15	9	3	
OTTAWA	50.2	-0.3	81	13	24	16		9	1.91	-1.07	.57	15	T	T	15	10	2	
PONTIAC	49.9	-1.4	77	13	25	16		8	1.90	-1.45	.49	14	0.4	T	15	12	3	
ROCKFORD	49.1	1.0	79	13+	19	16		12	2.62	- .11	.90	15	2.5	2	15	8	5	
ROCKFORD CAA	46.6	0.9	78	30	18	16		14	3.00	.27	1.21	17	1.6	1	15	4	1	
STOCKTON	47.7		77	13+	17	16		14	1.06	-1.62	.33	15	3.0	T	16	7	2	
SYCAMORE	46.7	-0.6	76	13+	16	16		18	1.95	- .83	.65	15	2.4	2	15	4	4	
WALNUT	50.5	0.5	80	16+	20	16		12	1.64	-1.10	.93	15				4	3	
WAUKEGAN	44.7	-0.5	72	26	24	16		13	2.04	- .77	.49	14	T	T	15	8	4	
DIVISION	48.8	0.2							1.78	-1.25								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	51.5	0.0	78	26	24	16		6	2.52	-1.02	.73	15	0.7			12	3	
CARLINVILLE 4 E	52.0	-1.8	78	13	28	16+		5	2.05	-1.92	.61	14				10	3	
CHARLESTON	53.0M	0.1	80	29	30	16			1.89	-1.63	.85	14				8	2	
DANVILLE	50.9	0.5	77	13	27	9		9	2.58	- .85	.83	26				11	4	
DECATUR	52.4	0.0	80	25	28	16		5	2.38	-1.30	.71	14	T	T	15	10	4	
EFFINGHAM CAA	51.8	0.0	77	25	30	9+		5	1.91	-1.62	.97	14	0.5			11	2	
GRIGGSVILLE	52.7	-1.0	84	25	28	15		5	2.23	-1.27	.72	14				7	4	
HAVANA	51.7	-1.1	80	25	28	16		6	2.34	- .95	.65	14	0.3	T	15	12	4	
HILLSBORO	53.2	0.6	78	13+	29	16		4	1.80	-1.95	.75	14				9	2	
HOOPESTON	50.4	-0.4	78	13	27	4+		7	2.06	-1.49	.43	26	T	T	15	9	6	
JACKSONVILLE	52.5	-0.3	82	25	27	19		5	1.70	-1.62	.55	14	T	T	15	7	3	
LA HARPE	51.7	0.2	83	25+	24	16		9	2.41	- .71	1.05	14	0.2			10	3	1
LINCOLN	51.7	-0.5	80	25	28	4+		6	2.90	- .55	1.23	14				12	3	1
MATTOON	50.8	-1.0	77	29	28	19		6	1.36	-2.25	.71	14				6	1	
MORRISONVILLE 1 E	49.7	-2.9	77	13	25	19		8	1.60	-1.82	.49	14				6	3	
NEWTON	55.1	1.9	82	29	29	16		2	1.21	-2.11	.36	12	T	T	15	5	3	
PALESTINE	53.7	-0.6	80	29	29	9		4	1.50	-1.91	.45	14	0.9			12	1	
PANA	53.1	-0.1	80	25+	28	16		5	1.38	-2.08	.33	14				8	3	
PARIS WATER WORKS	52.0	-0.1	79	29	29	9		6	1.09	-2.42	.40	14				5	2	
PEORIA WB AIRPORT	50.6	0.7	79	25	26	16		6	2.75	- .63	.70	26	1.2	T	15	9	5	
QUINCY	53.4	-0.7	86	25	29	19		3	1.76	-1.57	.74	14	0.2	T	15	7	3	
RANTOUL CHANUTE AF BASE	50.2		76	13+	28	16		4	2.68	- .83	.75	26	T	T	15	7	5	
ROBERTS 3 N	48.7M	-1.2	75	25	25	16		10	1.32	-1.92	.35	22	T	T	15	7	2	
RUSHVILLE	52.2M	-0.5	82	25	27	16		5	2.03	-1.34	.80	14				6	3	
SPRINGFIELD WB AIRPORT	50.8	0.5	78	25	27	19		6	1.95	-1.56	.67	14	0.1	T	15	9	3	
SPRINGFIELD WB CITY	52.7	0.0	80	25	30	16		2	1.62	-1.89	.49	14	T			8	3	
TABLE GROVE	51.2	-0.8	80	25	27	16		6	2.57	.55	.77	26	1.0	T	15	10	3	
TUSCOLA	52.3		79	13	29	4+		6	1.99	-1.69	.52	23				9	4	
URBANA	51.1	0.5	76	13+	27	16		5	2.26	-1.34	.47	26	0.3	T	15	10	6	
VIRDEN	52.1		78	25	29	16+		3	2.54	- .87	.75	26	T			9	5	
WATSEKA	49.8		77	13	25	16		10	1.75	-1.58	.50	15	T			10	2	
WHITE HALL 1 E	53.0	-0.7	80	13+	28	19		4	2.20	-1.42	.62	26				8	3	
WINDSOR	52.5M	0.0	77	13+					1.49	-2.27	.58	14	T	T	15	8	1	
DIVISION	51.8	-0.3							1.99	-1.64								
SOUTHERN DIVISION																		
ALTON DAM 26	53.4M		84	22	31	4+		3	1.40	-2.49	.44	15				10	2	
ANNA	55.3	-1.9	80	23	29	16+		2	1.46	-3.14	.83	14	T			6	2	
BELLEVILLE SCOTT AF BSE	53.4		80	22	31	16		2	1.05	-2.99	.32	14	T			6	2	
CAIRO WB CITY	58.4	-0.7	82	23	36	16			.95	-2.77	.53	26				7	1	
CARBONDALE SEWAGE PL	55.8	-1.4	82	22	28	19		3	1.60	-2.52	.73	27				10	2	
CARLYLE	53.4	-1.6	88	23	28	16+		4	1.14	-3.08	.43	14				8	2	
DU QUOIN	55.7M	-0.5	81	22	29	16		2	1.38	-2.33	.66	27				8	2	
EAST ST LOUIS	55.9	-0.8	83	22	33	16+			.99	-2.91	.26	14	T			8	1	
ELIZABETHTOWN	56.9		82	22	30	16		1	1.72	-2.63	1.25	27				7	2	1
FLORA	53.9	-0.7	79	22+	30	9+		5	.87	-2.90	.40	27	T			5	1	
GOLCONDA DAM 51	54.3	-1.7	78	22+	29	16		2	1.60	-2.82	1.08	27				7	2	1
GREENVILLE	52.9	-1.7	78	13+	29	16		4	1.13	-2.73	.43	14				9	1	
HARRISBURG	56.4M	-1.1	84	22	29	19		4	1.39	-2.66	.65	14				6	2	
MC LEANSBORO	57.8	2.1	81	22	33	16			1.54	-2.37	1.15	27				6	1	1
MT CARMEL	56.0	0.2	83	29	32	9+		3	1.79	-2.11	.70	27				13	2	
MT VERNON	53.1	-2.3	80	22+	25	16		6	1.56	-2.25	.63	27				4	3	
NEW BURNSIDE	54.7	-1.5	80	22	26	19		4	.60	-3.82	.30	27	T			7	1	
OLNEY	53.9	-0.7	78	13+	32	16+		2	1.58	-2.06	.49	14	T			9	2	
SPARTA	55.5	-0.8	81	22	30	16		1	1.94	-2.17	.91	26				9	3	
DIVISION	55.1	-0.9							1.35	-2.76								
STATE	51.6	-0.9							1.77	-1.79								

See reference notes following Station Index

Table 3

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION						.07	.15	.09		T	.09	.07		.36	.12	.12						.25				.17	.53			.07		2.09
ALEDO					T		T			T	T			.52	.30		.15					.25	.01			T					1.23
ALEXIS WATER WORKS R					*	.04								.68	.07		.08				.25	.01									1.13
ALTON DAM 26	.03		T	.03		.05		.02			.12				.44	.04						.36	.08				.23					1.40
ANNA			.14					T						.83							.09					.07	.30			.03		1.46
ANTIOCH	.04				.05		.03							.12	.68		.31	.03						T	.58	.12			T		1.96
BARRY	.02				T		.02	.08		.21	.04			.45	.12	T	.04					.37	.12			.19	.20					1.86
BEARDSTOWN	T						T				.26				.75	.10	.02					.29	.29				.20					1.91
BEARDSTOWN LAGRANGE DAM R//										.24	.01			.85	.27						.30	.28				.25					2.20
BELLEVILLE SCOTT AF BSE Z	T		.16		T	T	T			.05				.32	.02						T	.28	T			.22	T				1.05
BELVIDERE SEWAGE PLANT R					.07									.59	.24		.23					.35				.20	.02	.02			1.70
BENTLEY					T					.16				.84	.09	.03					.43	.21				.18					1.94
BENTON														.20												.09	1.28				1.57
BLOOMINGTON NORMAL	.08				T	.14				.02	.15			.15	.73	.05	.14					.30	.20			.23	.33					2.52
BLUFFS					.03		.12	.01		.25	T			.74	.16		.02					.30	.11			.34	.01					2.09
BRADFORD CAA					T					.02				.38	.21		.08	T			.19	.30				T			T		1.18
BROOKPORT DAM 52							.21					.43			T			T				.08					.57	T		T		1.29
CAIRO WB CITY R		T	.05		T	T	.01			.02	.03			T			T				.14					.53	.17		T			0.95
CAMP ELLIS R					-	-	-	-	-	-				.70	.04	.05	.07				.35	.32				.60						-
CANTON					T			T		.02	.07			.66	.47		T					.61	.12			.47						2.42
CARBONDALE SEWAGE PL		.02	.01		.06		.02			T				.55	.01	.01						.03					.73			.16		1.60
CARLINVILLE 4E	T				.01	.13	.03	T		.16				.61	.06	T	T					.27	.22			.46	.10					2.05
CARLYLE			.09				.08			.01	.10			.43	.06											.29	.08					1.14
CARMI							.13	.10		T	.01		.02	.47			.03					.02				.12	1.35					2.25
CARPENTER 1 SW R										.08				.49								.38				.11						1.06
CASEY										.18	.03			.89	.11							.23	.12			.48						2.04
CHANDLERVILLE					.05					.10				.48	.05		.08					.90				25						1.91
CHANNAHON DRESDEN ISLD	.12					T	.02				.02				.57	.33	.18	.10			.27	.01				.01	.24					1.87
CHARLESTON					.02					.06	.06			.85	.17						T	.35	.16			.22				T		1.89
CHENOA	.03				.05					.06				.43	.44		.13	T				.34				.03	.87			.01		2.39
CHESTER			.08	.80										-	-							-					.75					-
CHICAGO CAL TREAT WKS R	.01				.02	.01	.01							1.18	.06	.03	.37	.02				.52				.09	.16	.01				2.49
CHICAGO HEIGHTS	.06				.02									*	*	*	*	1.25				.32	.02				.38					2.05
CHICAGO LAKEVIEW PUMP R	.01													1.05	.02	.01	.51	.05				.34				.23	.02					2.24
CHICAGO LOYOLA UNIV R	.01													.74	.04	.02	.36	.06				.27				.18	.03					1.71
CHICAGO MAYFAIR PUMP ST H							.01							1.09	.10	.01	.44					.26				.18	.02	.01				2.12
CHICAGO N BRA PUMP STA R	.02													1.04	.04	.02	.38	.05				.28				.19	.02					2.04
CHICAGO ROSELAND PUMP R														1.01	.09		.35	.02				.27				.14	.14					2.02
CHGO SAN DIST DISPATG R						.01								1.16	.05		.36	.01				.24				.13	.01	.01				1.98
CHICAGO SAN DIST OFF R	.02					.01								.71	.02		.26	.03				.18				.10	.02					1.35
CHICAGO S FILTER PL R						.01								.78	.16		.32	.03				.29				.05	.17					1.81
CHICAGO SPRINGFLD PUMP R							.01							1.13	.02	.01	.38	.02				.26				.16	.01					2.00
CHICAGO UNIVERSITY R	T				T	.01	.01							.94	.05	T	.37	.04			T	.23	T	T		.10	.43			T		2.18
CHICAGO WB AIRPORT R	T				.01	.01	T							1.21	.07		.32	.02				.33	T	T		.10	.05			.02		2.14
CHICAGO WB CITY R	.02				T	T	T							.73	.06		.38	T				.25				.12	.02			.02		1.60
CHILLICOTHE	.05				.02	.01	T			.01	.02			.33	.40	.02	.17					.45	.07				.20	.01		T		1.76
CICERO	.11				T	T	.02							.69	.71	T	.10	.03				.29				.14	.02			T		2.11
CISNE BROWN CAMP R					.05	.04	.09			.07				.18	.05							.24					.01					1.63
COLLINSVILLE R			.11			.05				.15				.16							.12	.18	.03			.13						0.93
CRETE R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.40					.26				.45						-
DANVILLE	.10				.03	T	T			.12				.32	.42		.10	.01			T	.34	.18			.83	.13					2.58
DANVILLE SEWAGE PLANT	.15					.02		.01			.13				.57	.26	.10	.11				.22	.31				.93					2.81
DANVILLE WATER WORKS R	.01									.06	.05			.31	.21		.10					.64	.01			.87						2.26
DECATUR	.05				.01					.02	T			.71	.16	.03						.34	.19			.56	.01			T		2.38
DES PLAINES 1 NW	T				T		T							.53	.35		.29	T				.18				.23	.02					1.60
DIONA R										.10				.75	.13		.06					.27					.27	.01				1.59
DIXON	.02				.04									.12	.42	30	.19					.32				.02	.04					1.17
DOWNS 2 NE R	.01									.10				.38	.07		.15					.30					.50	.01				1.52
DU QUOIN			.04			.06	.06	.02		.04		T		T								.02					.48	.66				1.38
DWIGHT	.06				T	.06	T			T	.05			.94	.24	.05	.12					.24	.05			.09	.45			T		2.35
DWIGHT STATE REFORM R	.02					.08								*	.85		.10					.24				.03	.44			.03		1.79
EAST ST LOUIS			.11			T				.08				.26	.06						.06	.18	.04				.20					0.99
EDWARDSVILLE			.07	.13	.29					.13	.11	T		.61	.37	.11			T			.56					.28			T		2.66
EFFINGHAM CAA Z					.02	T	T			.08	.11	.05		.97	.06	T	.04				.01	.35	.01				.21			T		1.91
ELGIN					T									.51	.43	.06						.23		T	.16	.03				T		1.42
ELIZABETHTOWN				T	T	.05	T	.05			.25			.10			T				.01					T	1.25			.01		1.72
ELSAH			.22		.04		.02			.16				.68	.15							.35	.08			.22	.05					1.97
EVANSTON PUMP STA R	.01													.89	.05		.36	.07				.37				.19						1.94
FAIRBURY WATER WORKS R//	.02				.02					.07				.43	.47		.12					.35				.58						2.06
FAIRFIELD											T	.02		.12							-	-	-	-	-	-	-	-	-		-
FARMER CITY R										.07				.31	.11		.13	.02				.50				.66						1.80
FLORA							T			T		.02			.10							.15				.20	.40					0.87
FREEPORT					.06									.36	.28	.02	.34	.02				.30			.30					T		1.68
FREEPORT SEWAGE PLANT R	.13					.10									.38	.42	.23	.02				.29			.10	.64						2.31
FULTON DAM 13 Z	.19						T								.60	.07	.15	T				.23				.08						1.32
GALATIA R										.12				.94							-	-	-	-	-	-	-	-	-		-
GALENA					T									*	.85			.25							.15	.04				.23		1.52
GALESBURG	.06													.51	.59	.02	.10					.43				.02						1.73
GALVA					.03					T				.60	.64	.27	.17					.34		T								2.05
GENESEO					T									.36	.67		.07					.24	.05									1.39
GIBSON CITY	.06				T		.10			T	.16			.53	.26		.14	T			T	.22		.14		.35	.70			.01		2.37
GLADSTONE DAM 18	.05	.07				T					T				.90	.08	.01					.27	.02			T	.02					1.42
GLENDALE EXP FARM R											.11				.01		.02				.02					.71	.56					1.43
GOLCONDA DAM 51 Z			T			T	T	.01		T	.02	.37			.05		T	T				.04					1.08	.03		T		1.60
GOLDEN							.08			.16	.03			.80	.29		T					.32				.24	.01					1.93
GRAFTON	T		T	.06		.03		T			.15			T	.57	.04						.50	.13				.22					1.70
GRAND TOWER 2 N										T	.04			.54							.02					.02	1.03					1.65
GREENFIELD R										.25				.39	.03						.40	.19				.58						1.84
GREENUP					T					.13		.13		.87	.26							.17	.12			.25						1.93
GREENVILLE			T		T	.17	.07			.02				.43	.05	T						.21	.11			.05	.02					1.13
GRIDLEY	.11				.02					.05	.01			.33	.58	.08	.18	.01				.25	.13		.03	.96	.17			.06		2.97
GRIGGSVILLE	.02									.22				.72	.62							.30					.33			.02		2.23
HARDIN			-		.15					.30				.41	.10							.47	.43			.38						-
HARRISBURG					T	.06	.09	.17		T				.65	T						T					.16	.26					1.39
HARRISBURG HIWAY 13 BR					T	.05	.05	.17			T				.47		T					T				-						-
HAVANA	.03				.03		T			.02	.05			.65	.18	.02	.12					.33	.25			.60	.06					2.34
HAVANA NO 2		.01			.03						.02				.63	.05	.12					.27	.25				.65					2.03
HENRY	.05				.03					T				.41	.40	.01	.06					.43	T			.05				T		1.44
HILLSBORO					.04	.06	T			.02	T			.75	.15							.44	.10			.2*	.03					1.80
HOOPESTON Z	.07				T					T	.08			.30	.25		.29	T				.26	.25			.43	.13					2.06
HUDSON LK BLOOMINGTON R					.10					.05				.51	.06		.12					.40				.83				.01		2.08
HUTSONVILLE R//	.07				.03					.13	.13			.50	.27		.03					.11	.03			.33				.05		1.68
HUTSONVILLE POWER PLA	.20					.01					.05	.20			.54	.04	T	T				.13	.09				.30					1.56
ILLINOIS CITY DAM 16 Z	.05						.03				T				.65	.04	.13	.05				.49	.04									1.48
JACKSONVILLE	T				T			T		.20				.55	.15		T					.37	.12			.27	.04					1.70
JACKSONVILLE SEWAGE PL R										.22				.53	.17						.37	.11				.27						1.67
JOLIET BRANDON RD DAM	.08				.04	.01									.76	.16	.23	T				.26	.05			.01	.12					1.72
JOLIET WB AIRPORT	T				.01	.01								.46	.26		.20	T				.25			T	.17				.04		1.40
KANKAKEE	T				T	T					.05			.94	.26	T	.15	.10				.20	.05		.11	.41						2.27
KANKAKEE 4 W	.03				T	T	T				.05			.29	.68	T	.12	.11				.20	.05		.14	.26				T		1.93
KANKAKEE SEWAGE PLANT R										.04				.88	.16		.26	.03				.27			.11	.26						2.01
KEITHSBURG	.12														.66	.35	.05					.25										1.43
KEWANEE BAKER PARK R					.03									1.03	.17	.08	.12				.33	.01										1.77
KICKAPOO															.73		.18					.41	.14			.34						1.30

See reference notes following Station Index.

Table 3—Continued

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LA HARPE	.05				.02		T			.01				1.05	.40		.06	T				.51	.08			.22	.01					2.41
LANARK R														.55	.24		.25				.24	.08			.03	.30					1.69
LA SALLE	.10				T	.01	T				.02			.12	.64	.05	.07	T				.40	.03		.07	.05			T		1.56
LAWN RIDGE R					.05									1.05	.05		.15				.28	.07				.22					1.87
LAWRENCEVILLE 5 S					.10					.16			.10	T	.05	.08						.21				.18	.42			.07		1.37
LE ROY	.10						.09			.01	.02			.54	.20	.11	.15					.34	.21			.33	.22			.02		2.34
LINCOLN	.05				.03					.07	.03			1.23	.23	.05	.16					.45	.17			.30	.13					2.90
LINCOLN NO 2	.05					.04					.12				1.25	.20	.17					.44	.20			.12	.30					2.89
LOCKPORT LOCK AND DAM R														.82	.07		.26					.24			.05	.15					1.59
LOCKPORT POWER HOUSE R														.84	.04		.26	.01				.28			.04	.11	.01		.01		1.60
LOUISVILLE R						.03	.02			.05	.05			.33	.12							.23				.24	.01					1.08
MACKINAW					.24					T	T			.79	.43								.49			.84						2.79
MARENGO					.07									.44	.22	.11	.31	.05				.25			.36							1.81
MARIETTA R					.15					.05				.70	.18	.07	.02				.48	.16	.02			.17						2.00
MARION			.02			.08	.02	T						1.08	T						T					.02	.35					1.57
MAROA R					.10					.08				.58	.15		.12					.71			.11	.40						2.25
MARSEILLES LOCK						.08	T				T				.65	.20	.14	.08				.41										1.56
MARSHALL 1 W										.14		.07		.19	.26	.05	.06					.16	.07			.13	.30			.23		1.66
MASCOUTAH			.16		T	T				.02				.14	T							.16	T			.18						0.66
MASON CITY R					.05					.04				.57	.10	.08	.07				.28	.26	.01			.50						1.96
MATTOON	T									.06		T		.71	.12		T					.20	.04			.23				T		1.36
MC HENRY R	.03				.05									.90	.14		.29	.11				.37			.31	.08				.01		2.29
MC HENRY 2 S	.05				.03		T							.23	.73	.03	.28	.03				.32			.32	.04				T		2.06
MC LEANSBORO					T		T	.02		T	.10			.09	T						T	.07				.11	1.15					1.54
MEDORA					T	T	.10			.12				.30	.10							.37				.40	T			.12		1.51
MINONK	-	-	-	-	-	-	-	-		.03				.29	.20	.03	T					.25	.02				.07					-
MOLINE WB AIRPORT Z					.01	T				.01				.68	.13	.02	.05				.17	.03				T						1.10
MONMOUTH	.09				T	T								.51	.55		.05					.33	.03			.04						1.60
MORRIS	.12					T					T				.32	.24	.18	.04				.28	T			.05	.40					1.63
MORRIS 3 NE	.10				T	.09					.02			.10	.46	.02	.19	.16				.24	.01		T	.12				T		1.51
MORRISON	.01				T	.02								.09	.64		.16	T				.37			T							1.29
MORRISONVILLE H					.07						.18			.52	.08		.02					.55				.53						1.95
MORRISONVILLE 1 E					T	T	T			.08				.49	.03		T					.18	.38			.44						1.60
MT CARMEL						.08	.08	.02		.04		.06		.28	.12	.06	.06					.14				.10	.70			.05		1.79
MT CARMEL WATER WORKS R					.05	.05	.17							.28	.04	.02	.04					.08				.60	.18			.05		1.56
MOUNT CARROLL	.01				.06	T								.04	.56	T	.22	.01			T	.26			.03	.78						1.97
MOUNT OLIVE			.01			.05	.02			.12	T			.79	.08	.01						.41	.15			.19	.01					1.84
MOUNT PULASKI	.02				T	T				.02				.85	.12	.05	.06					.22	.22			.28	T					1.84
MOUNT STERLING					T		.06	.07		.16				.61	.19							.28	.18			.04						1.59
MT VERNON														.35								.19				.39	.63					1.56
MURPHYSBORO WATER WORKS R			.09		.05					.02	.05			.43												.61	.02					1.27
NASHVILLE			.15		T		T			.15			T	.33	T							.18				.40	.27					1.48
NEWARK 7 E	.05				.11									.10	.50		.33					.34			.08	.10				T		1.61
NEW BOSTON DAM 17	.12				T						T				1.36	.16	.04	.06				.33	T									2.07
NEW BOSTON 2 NW															.75	.19	.05	.03				.37										1.39
NEW BURNSIDE						.07	.02	.06		T				.02			T				.03					.10	.30			T		0.60
NEWTON Z					T							.36		.33	.06	T						.25				.21				T		1.21
OLNEY						.07	T				.10	.05		.49	.10	.02						.22				.40	.13			T		1.58
OREGON POWER PLANT Z	T						T							.07	.58	T	.27	T				.40			.07	.07						1.46
OTTAWA	.13				.09	T				T	T			.22	.57	.04	.15	T				.43	.01		T	.23	T			.04		1.91
PALESTINE	.05				.03					.12	.01	.11		.45	.22	.02	.05				T	.22				.20	.02					1.50
PANA	T				T					.08				.33	.15	T	.03					.26	.26			.24	.03					1.38
PARIS WATER WORKS	T				T					.20		T		.40	.20							.04				.25						1.09
PAW PAW					.07	T								.11	1.30		.26	T				.32				.05						2.11
PEORIA LOCK AND DAM R//					-					-				-	-	.02					.30	.20				.65						-
PEORIA WB AIRPORT R	T				.15	T	T			.04				.69	.44	.02	.11	T			.35	.25				.70			T			2.75
PEOTONE	.07				.07	T	T				.03			.17	.46	T	.13	.07				.21			T	T	.48					1.69
PERU	.13										.03				.73	.05	.09					.39	.03			.09	.08					1.62
PETERSBURG	.05				.05					.10				.50	.32		.15					.35	.34			.20	.19					2.25
PIPER CITY R					.03					.10				.15	.13	.01	.18					.41				.58						1.59
PITTSFIELD WATER WORKS R							.03			.29				.49	.14						.30	.18				.24						1.67
PLEASANT HILL 2 E	T				T		.05			.27				.22	.10		.01					.35	.26			.50	.01					1.77
PONTIAC	.04				T	.18	T			.01	.02			.49	.42	.03	.12	T				.15	.11			.31	.02			T		1.90
PRINCETON 1 S R//														.58	.47	.03	.14				.07	.41			.04				.03		1.77
PRINCEVILLE 2 NW	T				.02		T							.32	.15	T	.19					.42	.02			.08				T		1.20
PROPHETSTOWN R														.42	.33		.08				.29	.04										1.16
QUINCY					.01		.08			.12				.74	.13						.35					.33						1.76
QUINCY CAA					T		.09			.10				.64	.10	T	T				.48	.07				.32						1.80
QUINCY DAM 21 Z	T					T		T		T	.12				.58	T						.21	.02				.28					1.21
QUINCY MEMORIAL BRIDGE	.03					T		.02			.15				.89	.01	T					.26	.10				.34					1.80
RANTOUL CHANUTE AF BSE Z	.06				T		T			T	.05			.57	.33		.31	T				.61				.75				T		2.68
RED BUD			.28							.04				.14							.07					.80				.01		1.34
RICHVIEW R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						.10				.84	.02					-
ROBERTS 3 N					T						.18			.20	.06	.04	T					.35	.23		T	.26	T			T		1.32
ROCHELLE					.05									.03	1.05		*	.28				.41			.16	.10						2.08
ROCKFORD	.38				T	.06	T							.10	.90		.34					.44		.30	.10							2.62
ROCKFORD CAA	.01				.18	T				T				.71	.32		1.21	.02			.06	.02			.35	.12				T		3.00
RUSHVILLE											.15			.80	.23							.33	.16			.36						2.03
STE MARIE MISSION HSE	.03					.03		.01			.10	.09			.53	.07	.03	T				.19	.06				.22					1.36
SALEM	.01						.14	.01		.05		.02		.27	.08	.03						.22	.02			.30	.25					1.40
SHAWNEETOWN NEW TOWN				T		.01	T	.30			.05	.06	T		.01	T	T	T				T					1.45			.05		1.93
SIDELL	.06					.09		.07			.11				.36	T	.14	T	T			.32	.24				.57					2.07
SKOKIE N S TREAT WKS R	.01													1.02	.03	.02	.35	.03				.38			.21	.04						2.09
SPARTA			.22		.02	.03	.03	.04		T	T			.27	T						T	.04				.91	.38					1.94
SPRINGFIELD WB AIRPORT Z					.06	T				.10				.67	.21	.04	.02				.18	.36				.31	T					1.95
SPRINGFIELD WB CITY Z					.09					.11				.49	.17	.02	T				.10	.35				.29						1.62
STICKNEY W SIDE TREAT R						.01								1.19	.05		.42	.02				.28			.17					.01		2.16
STOCKTON	.03													.17	.33		.30	.01				.12			.10							1.06
STREATOR					.04	T				.03				.88	.53	.07	.10					.32				.18						2.15
SULLIVAN WATER WORKS R//										*	*	*	*	*	.80							.42	.17			.30						1.69
SYCAMORE						T								.46	.65							.27			.57			T				1.95
TABLE GROVE	.01				T		T			.07	.10			.71	.13	.01	.09					.57	.11			.77						2.57
TAYLORVILLE	T					.03	T			.09	.04			.29	.14	.06	T					.21	.20			.68	.04					1.78
TISKILWA	.07													.07	.65		.12					.45				T				T		1.36
TOULON	.06				.04					T				.75	.50	.05	.21					.69				.05						2.35
TUSCOLA											.03			33	.22	.06	.08					.33	.52			.40	.02					1.99
URBANA	.05						.05			.03	.02			.35	.35							.28	.36			.47	.30			T		2.26
URBANA EXP FARM R					T		.07			.03				.38	.12		.10					.68	.01			.63	.01					2.03
URBANA WATER WORKS								.02						.31	.29		.14					.30		.68			.33					2.07
UTICA STARVED ROCK DAM	.12					T								.06	.67	.17	.08	.01				.36	.01		T		.07					1.55
VANDALIA Z							T		T	T		T		.43	T	.10						.20				.05	.05					0.83
VIRDEN					.02	.01	T			.29	.03			.48	.36	T						.37	.23			.75						2.54
WALNUT					T	T								.07	.93		.25				T	.39										1.64
WARSAW					.02					.05	.11			.77	.11							.53				.11						1.70
WASHINGTON R					.02					.05				.85	.65		.13				.10	.35				.56						2.71
WATERLOO			.32			.02	.03			.06	T			.17		.02						.21				.07	.27					1.17
WATERMAN R//					.14	.02								.65	.05		.28					.33			.12	.05						1.64
WATSEKA	.09				T		T		T		.07			.08	.50	T	.30	.01				.13	.21			.24	.12			T		1.75
WAUKEGAN	.04					T								.49	.48		.28	.07				.39			.21	.08						2.04
WAYNE CITY								.04			.03				.20	T						.10					.80			T		1.17
WENONA R					.10									.73	.15		.13					.32				.34						1.77
WEST FRANKFORT 8 E R					.03					.06				.60												.32	.32					1.33
WHEATON COLLEGE														.77	.06		.37	T				.39			.19					T		1.78
WHITE HALL 1 E					T		T			.16	.18			.50	.08							.51	.13		.02	.62						2.20
WILCOX						.07		.05			.05				.10							.22					.75					1.24
WINDSOR										.07	.06			.58	.21	T	.03					.24	.13			.17	T					1.49

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
—1st—																										
CHICAGO CAL TREAT WKS					.01																					.01
CHICAGO LAKEVIEW PUMP			.01																							.01
CHICAGO LOYOLA UNIV		.01																								.01
CHICAGO N BEA PUMP STA		.02																								.02
CHICAGO SAN DIST OFF		.02																								.02
CHICAGO WB CITY		.02																								.02
CRETE														-	-	-	-	-	-	-	-	-	-	-	-	-
DANVILLE WATER WORKS		.01																								.01
DOUGLAS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNS 2 NE		.01																								.01
DWIGHT STATE REFORM		.01	.01																							.02
EVANSTON PUMP STA		.01																								.01
FAIRBURY WATER WORKS	//	.01	.01																							.02
HOOPESTON		.01	.01																							.02
HUTSONVILLE	//	.01	.01				.05																			.07
MC HENRY		.03																								.03
RICHVIEW		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SKOKIE N S TREAT WKS		.01																								.01
—3d—																										
BELLEVILLE SCOTT AF BSE	//										.05	.07	.03													.15
CAIRO WB CITY					.01			.03	.01																	.05
COLLINSVILLE									.01	.01	.04	.02	.02	.01												.11
MURPHYSBORO WATER WORKS	/								.05	.02	.01	.01														.09
—5th—																										
ALEXIS WATER WORKS																								•	•	•
BELVIDERE SEWAGE PLANT																.06	.01									.07
CAMP ELLIS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO CAL TREAT WKS																				.02						.02
CHICAGO WB AIRPORT																									.01	.01
CISNE BROWN CAMP																								.04	.01	.05
EFFINGHAM CAA	//										•	•	•	•	•	•	•	•	•	•	•	•	•	•	.05	.05
FAIRBURY WATER WORKS	//																				.02					.02
FREEPORT SEWAGE PLANT														.04	.03											.07
HUDSON LK BLOOMINGTON																		.10								.10
HUTSONVILLE	//																				.02	.01				.03
JOLIET WB AIRPORT	6																			•	•	•	•	•	.01	
KEWANEE BAKER PARK														•	•	•	.03									.03
LAWN RIDGE														•	•	•	•	•		•	•	.05				.05
MARIETTA																	.15									.15
MAROA SEWAGE PLANT																			.07	.03						.10
MASON CITY													.01		.01		.01	.02								.05
MC HENRY														•	•	•	•	•	.05							.05
MOLINE WB AIRPORT	//												.01													.01
MORRISONVILLE																						.07				.07
MT CARMEL WATER WORKS																						.01	.01		.03	.05
MURPHYSBORO WATER WORKS	//																						.03	.02		.05
PEORIA LOCK AND DAM	//													-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT																.13		.01	.01							.15
PIPER CITY																.01	.02									.03
ROCKFORD CAA	6													•	•	•	•	.15	•	•	•	•	•	•	.03	
SPRINGFIELD WB AIRPORT	//																	.01		.04	.01					.06
SPRINGFIELD WB CITY																				.07					.01	.08
WASHINGTON																.02										.02
WATERMAN	//													.07						.07						.14
WENONA																			.10							.10
WEST FRANKFORT 8 E																							.03			.03
—6th—																										
ALEXIS WATER WORKS		•	•	.04																						.04
CHICAGO CAL TREAT WKS																									.01	.01
CHICAGO SAN DIST DISPAT																									.01	.01
CHICAGO SAN DIST OFF																									.01	.01
CHICAGO S FILTER PL																									.01	.01
CHICAGO UNIVERSITY																									.01	.01
CHICAGO WB AIRPORT																									.01	.01
CISNE BROWN CAMP		.02																							.02	.04
COLLINSVILLE																							.05			.05
DWIGHT STATE REFORM																					.08					.08
JOLIET WB AIRPORT	6																			•	•	•	•	•	.01	
LOUISVILLE																								.02	.01	.03
MT CARMEL WATER WORKS		.05																								.05
NEWTON														•	•	•	•	•	•	•	•	•	•	•	•	•
STICKNEY W SIDE TREAT																									.01	.01
WATERMAN	//	.01						.01																		.02
—7th—																										
CAIRO WB CITY																							.01			.01
CHICAGO CAL TREAT WKS		.01																								.01
CHICAGO MAYFAIR PUMP ST										.01																.01
CHICAGO SPRINGFLD PUMP								.01																		.01
CHICAGO UNIVERSITY		.01																								.01
CISNE BROWN CAMP																	.03	.06								.09
GOLCONDA DAM 51																									.01	.01
LOUISVILLE																	.01	.01								.02
MT CARMEL WATER WORKS		.05																.01	.05	.01	.02	.01	.01		.01	.17
NEWTON		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.05	.05
PITTSFIELD WATER WORKS														•	•	•	.03									.03
QUINCY CAA	6							•	•	•	•	•	.05							•	•	•	•	•	.04	
QUINCY DAM 21														.03	.02											.05
URBANA EXP FARM																		.04	.02	.01						.07
—10th—																										
BEARDSTOWN LAGRANGE DAM	//														.04	.09	.02		.05	.02	.01				.01	.24
BELLEVILLE SCOTT AF BSE	//										•	•	•	•	•	•	•	•	•	•	•	.05				.05
BRADFORD CAA	6													•	•	•	•	•	.02							
CAIRO WB CITY													.01	.01												.02
CAMP ELLIS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARPENTER 1 SW													.03	.05												.08
CISNE BROWN CAMP																.03					.02	.02				.07
COLLINSVILLE												.03	.10	.02												.15
DANVILLE WATER WORKS																			.04	.01	.01					.06
DIONA																		.07	.01		.01	.01				.10
DOWNS 2 NE																•	•	•	•	•	•	•	.10			.10
EFFINGHAM CAA	//																.03	.02								.05
FAIRBURY WATER WORKS	//																			.04	.01		.02			.07
FARMER CITY																			.02	.01	.02	.02				.07
GALATIA																						.05	.07			.12
GOLCONDA DAM 51																					.01					.01

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GREENFIELD														.10	.05	.03	.01	.06								.25
HOOPESTON																				.05	.01	.01				.07
HUDSON LK BLOOMINGTON																			.04				.01			.05
HUTSONVILLE	//																.01	.04	.07	.01						.13
JACKSONVILLE SEWAGE PL															.12	.05			.02	.03						.22
KANKAKEE SEWAGE PLANT																						.03			.01	.04
LOUISVILLE																	.05									.05
MARIETTA																						.03	.01	.01		.05
MAROA SEWAGE PLANT																	.08									.08
MASON CITY																		.03		.01						.04
MOLINE WB AIRPORT	//																						.01			.01
MURPHYSBORO WATER WORKS	//																						.02			.02
PEORIA LOCK AND DAM	//													-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT																		.02	.01				.01			.04
PIPER CITY																					.02	.06	.02			.10
PITTSFIELD WATER WORKS														.03	.10	.02		.07	.05	.02						.29
QUINCY CAA	6													*	*	*	*	*	.10							
QUINCY DAM 21														.05				.05	.04		.01					.15
RANTOUL CHANUTE AF BASE	//																		.02		.03					.05
SPRINGFIELD WB AIRPORT	//														.01	.03		.01	.01	.04						.10
SPRINGFIELD WB CITY															.02	.01		.02	.01	.04						.10
SULLIVAN WATER WORKS	//													*	*	*	*	*	*	*	*	*	*	*	*	*
URBANA EXP FARM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.03	.03
WASHINGTON																		.05								.05
WEST FRANKFORT 8 E													.03			.03										.06
—11th—																										
BEARDSTOWN LAGRANGE DAM	//							.01																		.01
CAIRO WB CITY										.03																.03
DANVILLE WATER WORKS																						.03	.01		.01	.05
EFFINGHAM CAA									.01	.01	.01											.03	.01	.01	.03	.11
GLENDALE EXP FARM											.06	.03	.02													.11
GOLCONDA DAM 51										.05	.20	.05	.04	.01												.35
HUTSONVILLE																			.01		.03		.05	.02	.02	.13
LOUISVILLE																				.02	.01	.01	.01			.05
MORRISONVILLE																			.07	.01	.10					.18
MURPHYSBORO WATER WORKS	//											.05														.05
NEWTON																						.17	.15	.03	.01	.36
—12th—																										
EFFINGHAM CAA	//	.05																								.05
NEWTON		.01						.02																		.03
—14th—																										
ALEXIS WATER WORKS												.02	.01	.02	.10	.17	.10	.03	.08	.04	.02	.04	.01	.01	.03	.68
BEARDSTOWN LAGRANGE DAM	//										.28	.17	.09	.04	.05	.12	.10									.85
BELLEVILLE SCOTT AF BSE	//									.05	.01			.09	.10											.25
BELVIDERE SEWAGE PLANT																	.03	.02	.03	.22	.10		.15	.03	.01	.59
BRADFORD CAA	6													*	*	*	*	*	.16	*	*	*	*	*	.22	
CAMP ELLIS												.05	.08	.05	.01	.06	.23	.15	.07							.70
CARPENTER 1 SW										.35				.05	.09											.49
CHICAGO CAL TREAT WKS													.01	.01		.26	.01	.39	.05	.01	.39	.04			.01	1.18
CHICAGO LAKEVIEW PUMP														.03			.23	.03	.40		.05	.23	.02	.01	.05	1.05
CHICAGO LOYOLA UNIV																	.11	.03	.37		.01	.17	.03		.02	.74
CHICAGO MAYFAIR PUMP ST														.04			.23	.04	.40		.05	.28	.04		.01	1.09
CHICAGO N BRA PUMP STA														.07			.17	.02	.39		.03	.27	.04		.04	1.04
CHICAGO ROSELAND PUMP															.01	.19		.26	.14		.28	.16	.02			1.06
CHICAGO SAN DIST DISPAT														.01		.09	.31	.11	.23		.19	.20	.01		.01	1.16
CHICAGO SAN DIST OFF																.05	.09	.16	.17		.07	.17				.71
CHICAGO S FILTER PL														.01		.16		.19	.11		.17	.13	.01			.78
CHICAGO SPRINGFLD PUMP														.03		.02	.24	.10	.35		.10	.26	.01		.02	1.13
CHICAGO UNIVERSITY																.21	.04	.17	.10		.19	.23				.94
CHICAGO WB AIRPORT													.05	.01		.24	.07	.24	.14		.27	.19				1.21
CHICAGO WB CITY														.01		.10	.01	.20	.08		.17	.16				.73
CISNE BROWN CAMP												.09		.06	.01	.01	.01									.18
COLLINSVILLE											.04			.10	.02											.16
DANVILLE WATER WORKS																.04	.10	.09	.08							.31
DIONA													.03	.07	.55	.10										.75
DOWNS 2 NE																	.13	.17	.08							.38
DWIGHT STATE REFORM														.05	*	*	*	*	*	*	*	*	*	*	*	*
EFFINGHAM CAA	//										.02	.04	.01	.70	.17	.01	.01									.96
EVANSTON PUMP STA														.01			.14		.34	.03	.01	.25	.08		.03	.89
FAIRBURY WATER WORKS	//													.15				.05	.19	.01					.03	.43
FARMER CITY														.02		.02	.08	.15	.04							.31
FREEPORT SEWAGE PLANT															.02	.04	.02	.02	.08	.02	*	*	*	*	*	*
FULTON DAM 13																			.02	.05	.13	.16	.04	.05	.02	.47
GALATIA													.27	.50	.17											.94
GOLCONDA DAM 51														.05												.05
GREENFIELD										.08	.02	.03	.10	.04	.05	.03								.03	.01	.39
HOOPESTON																	.05	.07	.18							.30
HUDSON LK BLOOMINGTON																		.06	.20	.24	.01					.51
HUTSONVILLE	//													.10	.24	.01			.15							.50
ILLINOIS CITY DAM 16																.08	.07	.05	.09	.13	.07	.01	.04	.05	.01	.60
JACKSONVILLE SEWAGE PL											.12	.07	.17	.02	.08	.07										.53
JOLIET WB AIRPORT	6													*	*	*	*	*	.21	*	*	*	*	*	.25	
KANKAKEE SEWAGE PLANT															.06		.35	.01	.06	.32	.08					.88
KEWANEE BAKER PARK													.02	.03	.03	.04	.07	.33	.18	.13	.17	.01			.02	1.03
LANARK															.10	.01	.04	.04	.01	.05	.08	.06	.11	.04	.01	.55
LAWN RIDGE													.05	.03	.01	.06	.29	.26	.20	.05	.05	.02	.01	.01	.01	1.05
LOCKPORT LOCK AND DAM																.16	.08	.35	.01		.20	.02				.82
LOCKPORT POWER HOUSE																.17	.07	.37		.02	.19	.02				.84
LOUISVILLE												.02	.01	.02	.27	.01										.33
MARIETTA													.05	.04	.05	.01	.19	.20	.13				.01	.01	.01	.70
MAROA SEWAGE PLANT									.01	.06	.04	.27	.18		.01								.01			.58
MASON CITY													.15	.01	.16		.20	.05								.57
MC HENRY																	.08	.10	.17	.20		.05	.20	.08	.02	.90
MOLINE WB AIRPORT	//													.06	.01	.04	.08	.04	.12	.11	.06	.06	.05	.03	.02	.68
MORRISONVILLE											.12	.15	.04	.16	.05											.52
MT CARMEL WATER WORKS														.18	.02	.07	.01									.28
MURPHYSBORO WATER WORKS	//												.04	.39												.43
NEWTON														.14	.23	.01		.01					.01		.02	.42
OREGON POWER PLANT	//																.07		.02	.04	.05	.09	.09	.02	.01	.39
PEORIA LOCK AND DAM	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT													.03		.07	.02		.30	.23	.03					.01	.69
PIPER CITY																		.02	.05	.08						.15
PITTSFIELD WATER WORKS									.05		.13	.10	.11		.05	.01	.01							.02	.01	.49
PRINCETON 1 S	//													.09	.01		.07	.01	.02	.08	.12	.10	.03	.02	.03	.58
PROPHETSTOWN																	.03			.07	.10	.13	.05	.01	.03	.42
QUINCY CAA	6							*	*	*	*	*	.23	*	*	*	*	*	.31	*	*	*	*	*	.10	
QUINCY DAM 21										.08	.02	.02	.01	.17	.05	.15	.10									.60
RANTOUL CHANUTE AF BASE	//															.01	.07	.09	.06	.02						.25
ROCKFORD CAA	6							*	*	*	*	*	.02	*	*	*	*	*	.18	*	*	*	*	*	.51	
SKOKIE N S TRSAT WKS														.11	.01		.17	.02	.31	.01	.04	.26	.05		.04	1.02
SPRINGFIELD WB AIRPORT												.14	.07	.10	.08	.16	.09		.01						.02	.67

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A M Hour ending												P M Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SPRINGFIELD WB CITY												.12	.05	.08	.10	.08							.01	.02	.46
STICKNEY W SIDE TREAT													.02	.02		.23	.01	.28	.10	.01	.32	.17		.01	.02	1.19
URBANA EXP FARM														.03		.11	.08	.06	.08	.01						.37
VANDALIA											.12	.01	.27	.03	.02					*	*	*	*	*	*	*
WASHINGTON													.19	.01		.05	.05	.25	.20	.08			.01		.01	.85
WATERMAN																.08		.07	.13	.01	.14	.15	.02	.02	.03	.65
WENONA														.08	.04	.01		.08	.02	.30	.15	.05				.73
WEST FRANKFORT 8 E															.30											.60
														—15th—												
ALEXIS WATER WORKS		.01	.01						.02	.01	.01	.01														.07
BEARDSTOWN LAGRANGE DAM	//			.02	.01	.04	.03		.02	.02		.01		.03	.01	.01	.03	.02	.02							.27
BELLEVILLE SCOTT AF BSE	//		.04	.01	.02																					.07
BELVIDERE SEWAGE PLANT			.04	.04	.02	.01	.02		.01	.01	.01	.02		.01	.02	.02	.01									.24
BRADFORD CAA	6	*	*	*	*	*	.04	*	*	*	*	*	.05	*	*	*	*	*	.08	*	*	*	*	*	.02	
CAMP ELLIS		.02	.02																							.04
CHICAGO CAL TREAT WKS									.01		.01		.02		.01	.01										.06
CHICAGO LAKEVIEW PUMP						.01	.01																			.02
CHICAGO LOYOLA UNIV					.01		.01					.01				.01										.04
CHICAGO MAYFAIR PUMP ST		.01	.01			.01		.01						.01	.01			.02		.01	.01					.10
CHICAGO N BRA PUMP STA						.01			.01					.01	.01											.04
CHICAGO ROSELAND PUMP						.01					.01		.01			.02	.01	.02	.01							.09
CHICAGO SAN DIST DISPAT			.01		.01	.01	.01								.01											.05
CHICAGO SAN DIST OFF				.01				.01																		.02
CHICAGO S FILTER PL						.01					.01		.01	.01	.01	.02	.02	.02	.02	.02	.01					.16
CHICAGO SPRINGFLD PUMP														.02												.02
CHICAGO UNIVERSITY			.01					.01					.01			.01									.01	.05
CHICAGO WB AIRPORT			.01			.01	.02							.01		.01	.01									.07
CHICAGO WB CITY			.01		.01	.01								.01	.01	.01										.06
CISNE BROWN CAMP					.02	.03																				.05
CRETE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DANVILLE WATER WORKS				.02	.03	.05	.02				.03			.02	.01	.01	.01					.01				.21
DIONA					02	.03					.03			.01	.01	.01	.02									.13
DOWNS 2 NE																							.05	.01	.01	.07
DWIGHT STATE REFORM		*	*	*	*	*	.63		.01	.01		.03	.02	.03	.04	.01						.01	.01			.85
EFFINGHAM CAA	//			.01																						.01
EVANSTON PUMP STA			.01	.01			.01	.01											.01							.05
FAIRBURY WATER WORKS	//	.02	.03	.02	.01		.02	.04	.01		.04	.06	.03	.04	.03	.02	.02	.04	.02							.47
FARMER CITY					.01	.01		.02		.01		.01				.01	.01		.01	.01	.01					.11
FREEPORT SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	.54	.02	.01	.03										.60
FULTON DAM 13											.02	.01	.01		.01	.03	.01									.09
GLENDALE EXP FARM												.01														.01
GREENFIELD		.01							.02																	.03
HOOPESTON				.03	.02		.02	.02	.01	.02	.03	.04	.04	.01	.02	.01	.01	.01	.01							.30
HUDSON LK BLOOMINGTON			.01			.01												.04								.06
HUTSONVILLE	//	.01	.04	.03	.03		.01	.03	.01	.01		.01	.01		.01		.01	.01	.02	01	.01			.01		.27
ILLINOIS CITY DAM 16		.02	.01	.01	.01				.03	.01	.01															.10
JACKSONVILLE SEWAGE PLANT					.03	.02			.02		.03	.01	.03	.01	.01	.01										.17
JOLIET WB AIRPORT	6	*	*	*	*	*	.02	*	*	*	*	*	.17	*	*	*	*	*	.06	*	*	*	*	*	.01	
KANKAKEE SEWAGE PLANT								01	.01	.02	.02	.04	.01	.02	.02	.01										.16
KEWANEE BAKER PARK									.01	.01		.03	.02	.04	.05	.01										.17
LANARK		.02	.01	.01	.01	.03	.02	.01	.01	.02		.02	.02	.01	.02	.01	.02									.24
LAWN RIDGE										.01	.01	.01	.01			.01										.05
LOCKPORT LOCK AND DAM									.03		.01	.01						01	.01							.07
LOCKPORT POWER HOUSE					.01				.02	.01																.04
LOUISVILLE		.02	.01	.02	.01		.01		.01	.01					.01	.01						.01				.12
MARIETTA		.02	.01	.01	.01		.03	.02		.02	.02	.01						.02	.01							.18
MAROA SEWAGE PLANT									.03	.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.10	.15
MASON CITY		.03	.02	.03						.01	.01															.10
MC HENRY		.02	.03	.02	.02	.01											.01	01	.01			.01				.14
MOLINE WB AIRPORT	//		.02	.01	.01	.01	.01	.01	.01		.01			.01	.01	.01	.01									.13
MORRISONVILLE		.02	.01	.01	.01		.01			.01	.01															.08
MT CARMEL WATER WORKS						.02	.02																			.04
NEWTON		.02	.01					.01	.04	.02	.01				.01	.01			.01	.01		.01		.01	.01	.18
OREGON POWER PLANT	//		.02	.01	.01	.02	.01	.03	.02	.03	.03	.02	01	.02	.01	.01		.01								.26
PEORIA LOCK AND DAM	//	-	-	-	-	-	-	-			.02	.05	.05	.01	.01	.02	.01	.01	.01	.01						-
PEORIA WB AIRPORT		.01	.02	.03	.05	.03	.02	.02	.04	.03	.02	.02	.02	.02	.03	.03	.01	.02	.01			.01				.44
PIPER CITY				.01	.01							.02	.05	.01	.01		.01								.01	.13
PITTSFIELD WATER WORKS										.04	.01		.04	.01			.02	.01	.01							.14
PRINCETON 1 S	//	.05	.02		.02	.03	.03	.02	.03	.01	.03	.01	.02	.03	.02	.04	.05	.02	.01	.02		01				.47
PROPHETSTOWN		.02	.01	.02	.01	.02	.02	.01	.05	.01	.01			.02	.03	.04	.03	.03								.33
QUINCY CAA	6	*	*	*	*	*	.01	*	*	*	*	*	.04	*	*	*	*	*	.05							
QUINCY DAM 21															.01	.01	.01	.02								.05
RANTOUL CHANUTE AF BASE	//	.01	.01	.01					.03	.02	.05	.05	.02	.02	.01	.01	.02	.02	.04	.01	.01		.02			.36
ROCKFORD CAA	6	*	*	*	*	*	.10	*	*	*	*	*	.10	*	*	*	*	*	.10							
SKOKIE N S TREAT WKS			.01			.01						.01														.03
SPRINGFIELD WB AIRPORT	//			.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01				.21
SPRINGFIELD WB CITY		.01			.01	.02	.01	.01	.02	.01	.01	.01	.01	.02		.01		.01			.01					.17
STICKNEY W SIDE TREAT		.01			.01		.01					.01			.01											.05
SULLIVAN WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.80
URBANA EXP FARM								.01		.01		.01	.01	.01		.01	.01	.01	.01	.02	.01					.12
VANDALIA		*	*	*	*	*	*	*	*	.07																.52
WASHINGTON		.04	.01		.03	.06	.01		.10	.03	.07	.05	.04	.01	.03	.05	.02	.02	01	.02	.02	.03				.65
WATERMAN	//	.03	.01	.01																						.05
WENONA		.03	.01	.01					.04	.01					.01	.02	.01	.01								.15
														—16th—												
CAMP ELLIS																								.04	.01	.05
CHICAGO CAL TREAT WKS									.02	.01																.03
CHICAGO LAKEVIEW PUMP											.01															.01
CHICAGO LOYOLA UNIV									01	.01																.02
CHICAGO MAYFAIR PUMP ST								.01																		.01
CHICAGO N BRA PUMP STA									.01	.01																.02
CHICAGO SPRINGFLD PUMP											.01															.01
EFFINGHAM CAA	//	.02	.01	01																						.04
ILLINOIS CITY DAM 16																							.03	.05	.01	.09
KEWANEE BAKER PARK											.05	.01	.01	.01												.08
MARIETTA																								.05	.02	.07
MASON CITY																								.05	.03	.08
MOLINE WB/AIRPORT	//																								.02	.02
MT CARMEL WATER WORKS			.02																							.02
NEWTON										.05	.01															.06
OREGON POWER PLANT	//	.02																								.02
PEORIA LOCK AND DAM	//	.01	.01																							.02
PEORIA WB AIRPORT																									.02	.02
PIPER CITY			.01																							.01
PRINCETON 1 S	//								.02	.01																.03
RICHVIEW		-	-	-	-	-	-																			-
SKOKIE N S TREAT WKS											.01	.01														.02
SPRINGFIELD WB AIRPORT	//																							.01	.03	.04
SPRINGFIELD WB CITY																									.01	.01

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—17th—																										
ALEXIS WATER WORKS		*	*	*	*	*	.08																			.08
BELVIDERE SEWAGE PLANT		*	*	*	*	*	*	.23																		.23
BRADFORD CAA	6	*	*	*	*	*	.08																			
CAMP ELLIS		.07																								.07
CHICAGO CAL TREAT WKS							.03	.14	.09	.07	.03						.01									.37
CHICAGO LAKEVIEW PUMP							.01	.15	.15	.12	.06						.02									.51
CHICAGO LOYOLA UNIV							.01	.11	.13	.07	.03						.01									.36
CHICAGO MAYFAIR PUMP ST							.01	.12	.08	.13	.10															.44
CHICAGO N BRA PUMP STA							.02	.12	.11	.10	.02					.01										.38
CHICAGO ROSELAND PUMP							.03	.14	.08	.06	.04															.35
CHICAGO SAN DIST DISPAT							.04	.13	.10	.08	.01															.36
CHICAGO SAN DIST OFF							.01	.11	.07	05	.01						.01									.26
CHICAGO S FILTER PL							.03	.13	.07	.05	.04															.32
CHICAGO SPRINGFLD PUMP							.01	.12	.09	.10	.06															.38
CHICAGO UNIVERSITY							.02	.15	.10	.05	.03						.01								.01	.37
CHICAGO WB AIRPORT							.08	.11	.06	.06	.01															.32
CHICAGO WB CITY							.10	.12	.07	.07	.02															.38
CRETE							.05	.17	.10	.05	.01	.01	.01													.40
DANVILLE WATER WORKS						.03	.02		.01								.04									.10
DIONA				*	*	*	*	.06																		.06
DOWNS 2 NE			.10			.04		.01																		.15
DWIGHT STATE REFORM			.02	.01	.02	03	.02																			.10
EFFINGHAM CAA	//				.03			.02																		.05
EVANSTON PUMP STA							.02	.10	.12	.08	.04															.36
FAIRBURY WATER WORKS	//		.02	.04		.04		.01	.01																	.12
FARMER CITY			.05	.03	.01	.01		.02	.01																	.13
FREEPORT SEWAGE PLANT				.01	.05	.07	.04		.01	.03						.01										.22
FULTON DAM 13				.09	.01																					.10
GLENDALE EXP FARM										01		.01														.02
HOOPESTON							.07	.02	.01	.01	.01		.02						.13							.27
HUDSON LK BLOOMINGTON				.07		.03	.02																			.12
HUTSONVILLE	//								.03																	.03
ILLINOIS CITY DAM 16				.01					.05																	.06
JOLIET WB AIRPORT	6	*	*	*	*	*	.17	*	*	*	*	*	.03													
KANKAKEE SEWAGE PLANT						.04	.03	.04	.01											.06	.05	.01	.02			.26
KEWANEE BAKER PARK		.02	.02	.01	.01		.01			.01	.02	.01	.01													.12
LANARK				.07	.08	.03	.02	.03			.02															.25
LAWN RIDGE		.09	.01		.04	.01																				.15
LOCKPORT LOCK AND DAM							.11	.11	.02	.02																.26
LOCKPORT POWER HOUSE				.01		.01	.16	.06	.02																	.26
MARIETTA		01	.01																							.02
MAROA SEWAGE PLANT			.08	.02	.01	.01																				.12
MASON CITY		.05	.02																							.07
MC HENRY		.01					.07	.11	.06	.04																.29
MOLINE WB AIRPORT	//	.01	.01	.01	.01				.01																	.05
MORRISONVILLE					.02																					.02
MT CARMEL WATER WORKS								04																		04
NEWTON					.03	.02																				.05
OREGON POWER PLANT	//				.10	.07	.02	.06																		.25
PEORIA WB AIRPORT		.03		.01	.06		.01																			.11
PIPER CITY				.01	.02	.01	.04	.05					.02					.01	.02							.18
PRINCETON 1 S	//				.10	.02		.02																		.14
PROPHETSTOWN			.02	.05	.01																					.08
RANTOUL CHANUTE AF BASE	//			.04			.01		.03	.01							.06	.05	.05							.25
ROCKFORD CAA	6	*	*	*	*	*	1.19							*	*	*	*	*	.02							
SKOKIE N S TREAT WKS								.07	.13	.09	.06															.35
SPRINGFIELD WB AIRPORT	//		.02																							.02
SPRINGFIELD WB CITY		.01																								.01
STICKNEY W SIDE TREAT							.07	.13	.13	.09																.42
URBANA EXP FARM				.06		.02			.02																	.10
WASHINGTON		.10	.01		.02																					.13
WATERMAN	//					.13	.07	.04	.04																	.28
WENONA			.05	.03		.02						.02	.01													.13
—18th—																										
CHICAGO CAL TREAT WKS										.02																.02
CHICAGO LAKEVIEW PUMP									.01	.03	.01															.05
CHICAGO LOYOLA UNIV									.01	.03	.01	.01														.06
CHICAGO N BRA PUMP STA							.01		.01	.02		.01														.05
CHICAGO ROSELAND PUMP										.01	.01															.02
CHICAGO SAN DIST DISPAT									.01																	.01
CHICAGO SAN DIST OFF										.02	.01															.03
CHICAGO S FILTER PL										.01	.02															.03
CHICAGO SPRINGFLD PUMP										.01		.01														.02
CHICAGO UNIVERSITY										.01	.02				.01											.04
CHICAGO WB AIRPORT											.01	.01														.02
EVANSTON PUMP STA							.01	.01		.02	.02		.01													.07
FARMER CITY								.02																		.02
KANKAKEE SEWAGE PLANT		.02	.01																							.03
LOCKPORT POWER HOUSE		.01																								.01
MC HENRY																.11										.11
ROCKFORD CAA	6	*	*	*	*	*	.02																			
SKOKIE N S TREAT WKS							.01			.01	.01															.03
STICKNEY W SIDE TREAT									.01		.01															.02
—21st—																										
ALEXIS WATER WORKS																							.14	.09	.02	.25
BEARDSTOWN LAGRANGE DAM	//																							.25	.05	.30
BRADFORD CAA	6																			*	*	*	*	*	.19	
CAIRO WB CITY								.01	.07	.06																.14
CAMP ELLIS																								.20	.15	.35
COLLINSVILLE																									.12	.12
FREEPORT SEWAGE PLANT																									.08	.08
FULTON DAM 13																								.08	.12	.20
GALATIA														-	-	-	-	-	-	-	-	-	-	-	-	-
GLENDALE EXP FARM										.01		.01														.02
GREENFIELD																									.40	.40
ILLINOIS CITY DAM 16																						.09	.15	.21	.45	.45
JACKSONVILLE SEWAGE PL																								.04	.33	.37
KEWANEE BAKER PARK																								.21	.13	.34
LANARK																						.01	.01	.04	.18	.24
LAWN RIDGE																								.05	.23	.28
MARIETTA																								.38	.10	.48
MASON CITY																									.28	.28
MOLINE WB AIRPORT	//																						.01	.11	.05	.17
OREGON POWER PLANT	//																							.02	.04	.06
PEORIA LOCK AND DAM	//																								.30	.30
PEORIA WB AIRPORT																								.02	.33	.35
PITTSFIELD WATER WORKS																							.05	.23	.02	.30
PRINCETON 1 S	//																								.07	.07
PROPHETSTOWN																							.03	.02	.24	.29
QUINCY CAA	6																			*	*	*	*	*	.48	

See reference notes following Station Index.

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
QUINCY DAM 21																						.05	.13	.02	.20
ROCKFORD CAA 6																			*	*	*	*	*	.06	
SPRINGFIELD WB AIRPORT //																								.18	.18
SPRINGFIELD WB CITY																						.02		.08	.10
WASHINGTON																								.10	.10
												–22d–													
ALEXIS WATER WORKS	.01																								.01
BEARDSTOWN LAGRANGE DAM //																		.06	.01	.20	.01				.28
BELLEVILLE SCOTT AF BSE //	.07	.16																						.03	.26
BELVIDERE SEWAGE PLANT	.08	.25	.02																						.35
BRADFORD CAA 6	*	*	*	*	*	.07													*	*	*	*	*	.02	
CAMP ELLIS	.02	.01																.13	.06	.09	.01				.32
CARPENTER 1 SW	.27	.04																						.07	.38
CHICAGO CAL TREAT WKS			.36	.15																	.01				.52
CHICAGO LAKEVIEW PUMP			.17	.17																					.34
CHICAGO LOYOLA UNIV			.13	.14																					.27
CHICAGO MAYFAIR PUMP ST			.12	.10		.01		.01	.01		.01														.26
CHICAGO N BRA PUMP STA			.14	.14																					.28
CHICAGO ROSELAND PUMP			.17	.09	.01																				.27
CHICAGO SAN DIST DISPAT				15	.09																				.24
CHICAGO SAN DIST OFF			.05	.13																					.18
CHICAGO S FILTER PLANT			.15	.12	.02																				.29
CHICAGO SPRINGFIELD PUMP			.12	.14																					.26
CHICAGO UNIVERSITY			.11	.10	.02																				.23
CHICAGO WB AIRPORT			.21	.12																					.33
CHICAGO WB CITY			.15	.05	.05																				.25
CISNE BROWN CAMP		.14	.08	.02																					.24
COLLINSVILLE	.15																						.02	.01	.18
CRETE			.15	.07																	.02	.02			.26
DANVILLE WATER WORKS		.14	.13																		.06	.15	.04	.12	.64
DIONA		.15	.08																		.01	.01	.02		.27
DOWNS 2 NE	*	*	*	*	*	.30																			.30
DWIGHT STATE REFORM		.20	.02																			.02			.24
EFFINGHAM CAA //		.20																					.03	.07	.30
EVANSTON PUMP STA			.20	.16	.01																				.37
FAIRBURY WATER WORKS //		.22	.01																	.02	.06	.02	.02		.35
FARMER CITY	.06	.12	.01																	.03	.03	.22	.02	.01	.50
FREEPORT SEWAGE PLANT	.19	.01																							.20
GREENFIELD	.14								.01													.03	.01		.19
HOOPESTON		.02	.23	.02																	*	.18			.45
HUDSON LK BLOOMINGTON		.18	.05	.01																	.05	.04	.07		.40
HUTSONVILLE //			.07	.03																				.01	.11
ILLINOIS CITY DAM 16	.01	.01	.01				.01	.01																	.05
JACKSONVILLE SEWAGE PL	.03																		.05	.02	.01				.11
JOLIET WB AIRPORT 6	*	*	*	*	*	.21													*	*	*	*	*	.04	
KANKAKEE SEWAGE PLANT		.04	.12	.02	.01																	.04	.04		.27
KEWANEE BAKER PARK	01																								.01
LAWARE	.07	.01																							.08
LAWN RIDGE	.04																			.03					.07
LOCKPORT LOCK AND DAM		.05	.17																		.02				.24
LOCKPORT POWER HOUSE		.05	.21	.01																	.01				.28
LOUISVILLE		.15	.03	.02			.02	.01																	.23
MARIETTA		.01	.01															.08	.01	.05					.16
MAROA SEWAGE PLANT	.19	.10	.01																	.03	.07	.23		.08	.71
MASON CITY	.07	.04	.01																		.14				.26
MC HENRY	.02	.05	.15	.15																					.37
MOLINE WB AIRPORT //																			.03						.03
MORRISONVILLE	.16	.04																		.09	.02	.10	.05	.09	.55
MT CARMEL WATER WORKS				08																					.08
NEWTON		.15	.10	.05															-	-	-	-	-	-	-
OREGON POWER PLANT //	.36	.06																						.02	.44
PEORIA LOCK AND DAM //	.09	.01																	04	.04	.01	.01			.20
PEORIA WB AIRPORT	.10																	.07	.07		.01				.25
PIPER CITY		.12	.11	.04	.01																.01	.05	.02	.05	.41
PITTSFIELD WATER WORKS																		.08	.07	.03					.18
PRINCETON 1 S //	.33		.05																	.03					.41
PROPHETSTOWN	.03	.01																							.04
QUINCY CAA 6													*	*	*	*	*	.07							
RANTOUL CHANUTE AF BASE //		.09	.12																	.02	.02	.19	.06	.01	.51
RICHVIEW		.06	.03	.01																					.10
ROCKFORD CAA 6	*	*	*	*	*	.01																			
SKOKIE N S TREAT WKS		.01	.24	.13																					.38
SPRINGFIELD WB AIRPORT //	.13																		.08	08	.06	.01			.36
SPRINGFIELD WB CITY	.12																		.06	.07	.07		.01	.01	.34
STICKNEY W SIDE TREAT			.16	.12																					.28
SULLIVAN WATER WORKS //	.01	.02	.29																		.01	.07	.02		.42
URBANA EXP FARM		.20	.10	.03																	.06	.22	.02	.05	.68
VANDALIA	.05	.15																						.10	.30
WASHINGTON	.22	.01																	.04	.05	.02	.01			.35
WATERMAN //	.10	.22	.01																						.33
WENONA	.22	.10																							.32
												–23d–													
COLLINSVILLE	.02	.01																							.03
DANVILLE WATER WORKS		.01																							.01
HUTSONVILLE //	.03																								.03
MARIETTA	.01	.01																							.02
MASON CITY	.01																								.01
RANTOUL CHANUTE AF BASE //	.01																								.01
SPRINGFIELD WB CITY			.01																						.01
SULLIVAN WATER WORKS //	.05	.12																							.17
URBANA EXP FARM	.01																								.01
												25													
CHICAGO CAL TREAT WKS										.01	.03			.05											.09
CHICAGO LAKEVIEW PUMP									.03	.17	.02			.01											.23
CHICAGO LOYOLA UNIV									.02	.14	.02														.18
CHICAGO MAYFAIR PUMP ST										.15	.03														.18
CHICAGO N BRA PUMP STA										.15	.04														.19
CHICAGO ROSELAND PUMP										.02	.02			.10											.14
CHICAGO SAN DIST DISPAT										.08	.04		.01												.13
CHICAGO SAN DIST OFF										.09		.01													.10
CHICAGO S FILTER PL										.02	.02			.01											.05
CHICAGO SPRINGFLD PUMP											.12	.02	.01	.01											.16
CHICAGO UNIVERSITY										.05	.02	.01		.02											.10
CHICAGO WB AIRPORT										.05				.05											.10
CHICAGO WB CITY										.07	.04				.01										.12
DWIGHT STATE REFORM										.03															.03
EVANSTON PUMP STA									.04	.14	.01														.19
FREEPORT SEWAGE PLANT							.10	.15	.09																.34
FULTON DAM 13										.05															.05
KANKAKEE SEWAGE PLANT												.06	.02	.02	.01										.11

See reference notes following Station Index.

Station		A. M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P. M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
LANARK											.02	.01														.03
LOCKPORT LOCK & DAM											.03	.02														.05
LOCKPORT POWER HOUSE											.02	.01	.01													.04
MAROA SEWAGE PLANT					.11																					.11
MC HENRY									.15	.15	.01															.31
OREGON POWER PLANT	//									.05			.04													.09
PRINCETON 1 S	//															*	.04									.04
ROCKFORD CAA	6	*	*	*	*	*	.05	*	*	*	*	*	.30													
SKOKIE N S TREAT WKS										.05	.15	.01														.21
STICKNEY W SIDE TREAT											.08	.07			.02											.17
WATERMAN	//								.05	.05			.02													.12
-26th-																										
BEARDSTOWN LAGRANGE DAM	//									.10	.03			.07	.05											.25
BELLEVILLE SCOTT AF BSE	//										.02	.02	.01	.03	.01		.01		.09	.05	.02					.26
BELVIDERE SEWAGE PLANT							.04	.08	.05	.03																.20
CAIRO WB CITY												.13	.09				.01		.02			.03	.18	.05	.02	.53
CAMP ELLIS												.03	.06	.06	.23	.09	.10	.01	.02							.60
CARPENTER 1 SW																.01	.02	.02	.01	.05						.11
CHICAGO CAL TREAT WKS						.01									.01	.13	.01									.16
CHICAGO LAKEVIEW PUMP						.01										.01										.02
CHICAGO LOYOLA UNIV																.03										.03
CHICAGO MAYFAIR PUMP ST																	.02									.02
CHICAGO N BRA PUMP STA																.02										.02
CHICAGO ROSELAND PUMP						.04									.01	.09										.14
CHICAGO SAN DIST DISPAT																.01										.01
CHICAGO SAN DIST OFF																.02										.02
CHICAGO S FILTER PL						.15									.02											.17
CHICAGO SPRINGFLD PUMP														.01												.01
CHICAGO UNIVERSITY						.30									.13											.43
CHICAGO WB AIRPORT						.03									.01	.01										.05
CHICAGO WB CITY						.01	.01																			.02
CISNE BROWN CAMP														.12	.03	.03		.02	.12	.36	.14	.03	.03	.03		.91
COLLINSVILLE									.02		.01	.02	.01	.03					.01	.02	.01					.13
CRETE						.19	.01									.11	.12	.01	.01							.45
DANVILLE WATER WORKS														.11	.14	.25	.14	.05	.02				.09	.06	.01	.87
DIONA														.02	.02	.05	.04	.12	.01						.01	.27
DOWNS 2 NE														.02	.04	.06	.10		.04	.03	.01	.06	.11	.03		.50
DWIGHT STATE REFORM													.03	.04		.11	.15	.11								.44
EFFINGHAM CAA	//																	.08	.05							.13
FAIRBURY WATER WORKS	//													.05	.08	.07		.20	.18							.58
FARMER CITY				.01	.01	.04							.01	.01	.07	.17	.13	.04	.01	.01		.01	.06	.08		.66
FREEPORT SEWAGE PLANT				.36	.01	.02																				.39
FULTON DAM 13				.02																						.02
GLENDALE EXP FARM													.10	.03									.18	.14	.26	.71
GOLCONDA DAM 51																							.06	.19	.15	.40
GREENFIELD														.02	.11	.24	.16	.05								.58
HOOPESTON							.04	.01	.01	.01				.04	.11	.07	.09	.03	.01	.01		.08	.01			.52
HUDSON LK BLOOMINGTON																.01	.07	.05		.40	.16	.14				.83
HUTSONVILLE	//															.03	.10	.05	.01	.08	.03	.02	.01			.33
JACKSONVILLE SEWAGE PL												.05	.02		.05	.13					.02					.27
JOLIET WB AIRPORT	6													*	*	*	*	*	.17							
KANKAKEE SEWAGE PLANT														.04	.02		.09	.08	.02	.01						.26
LANARK				.26	.02		.02																			.30
LAWN RIDGE										.02	.01		.02		.10	.05	.02									.22
LOCKPORT LOCK AND DAM															.11	.04										.15
LOCKPORT POWER HOUSE															.08	.03										.11
LOUISVILLE												.02	.01	.02	.02	.03	.02	.01	.02	.02	.03	.03			.01	.24
MARIETTA									.05			.02	.02	.06					.02							.17
MAROA SEWAGE PLANT															.10	.08	.12			.07	.01		.01	.01		.40
MASON CITY													.02	.07	.08	.03	.01	.07	.05	.14	.02	.01				.50
MC HENRY				.03	.03	.02																				.08
MORRISONVILLE															.02	.02	.26	.20	.02	.01						.53
MT CARMEL WATER WORKS														.10	.02				.04	.08	.06		.15	.10	.05	.60
MURPHYSBORO WATER WORKS	//												.01			.01	.01	.03	.01	.03	.02	.14	.10	.24	.01	.61
OREGON POWER PLANT	//				.07																					.07
PEORIA LOCK AND DAM	//													.10	.05	.02	.15	.18	.13	.02						.65
PEORIA WB AIRPORT														.02	.06	.08	.02	.11	.27	.14						.70
PIPER CITY														.02	.13	.03	.02	.01	.25	.12						.58
PITTSFIELD WATER WORKS															.08	.09	.01				.06					.24
QUINCY CAA	6							*	*	*	*	*	.16	*	*	*	*	*	.15	*	*	*	*	*	.01	
QUINCY DAM 21											.05	.01	.05	.09	.01			.04								.25
RANTOUL CHANUTE AF BASE	//												.02	.06	.06	.15	.16	.06	.02	.06		.05	.10			.74
RICHVIEW								.06			.01	.09	.14	.01	.01	.01	.02	.03	.19	.10	.06	.05	.04	.02		.84
ROCKFORD CAA	6	*	*	*	*	*	.12																			
SKOKIE N S TREAT WKS						.01										.03										.04
SPRINGFIELD WB AIRPORT	//				.03									.01	.04	.11	.07				.01		.03	.01		.31
SPRINGFIELD WB CITY														.01	.02	.13	.09	.01				.01		.01		.28
SULLIVAN WATER WORKS	//														.03	.07	.05	.07	.04	.04						.30
URBANA EXP FARM														.01	.04	.12	.12	.10	.02	.01	.01			.12	.08	.63
VANDALIA														.03	.02	.01	.01	.02	.01							.10
WASHINGTON													.01	.08	.07	.02	.16	.17	.04		.01					.56
WATERMAN	//					.05																				.05
WENONA															.10		.24									.34
WEST FRANKFORT 8 E														.06	.04							.02	.05	.11	.04	.32
-27th-																										
BELVIDERE SEWAGE PLANT				.02																						.02
CAIRO WB CITY		.14	.03																							.17
CHICAGO CAL TREAT WKS					.01																					.01
CHICAGO MAYFAIR PUMP ST								.01																		.01
CHICAGO SAN DIST DISPAT							.01																			.01
DIONA		.01																								.01
DOWNS 2 NE		.01																								.01
EFFINGHAM CAA	//	.02	.01																							.03
GALATIA														-	-	-	-	-	-	-	-	-	-	-	-	-
GLENDALE EXP FARM		.24	.12	.04		.11	.01	.03		.01																.56
GOLCONDA DAM 51		.13	.20	.23		.02	.04																			.62
HOOPESTON		.01	.01																							.02
LOCKPORT POWER HOUSE		.01																								.01
LOUISVILLE		.01																								.01
MT CARMEL WATER WORKS		.12	.05	.01																						.18
MURPHYSBORO WATER WORKS		.02																								.02
RICHVIEW			.01	.01																						.02
STICKNEY W SIDE TREAT						.01																				.01
URBANA EXP FARM		.01																								.01
WEST FRANKFORT 8 E		.05	.02	.25																						.32
-30th-																										
CHICAGO WB AIRPORT																		.02								.02
CHICAGO WB CITY																			.02							.02
DOUGLAS														-	-	-	-	-	-	-	-	-	-	-	-	-
DWIGHT STATE REFORM																.02	.01									.03
GLENDALE EXP FARM				*					*	*	.03															.03

See reference notes following Station Index.

Table 4–Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HUDSON LK BLOOMINGTON																		.01							.01
HUTSONVILLE //											.02	.01	.01	.01											.05
JOLIET WB AIRPORT 6													*	*	*	*	*	.04							
LOCKPORT POWER HOUSE																.01									.01
MC HENRY													.01												.01
MT CARMEL WATER WORKS							.02	.01	.01	.01															.05
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCETON 1 S //																	.01	.02							.03
STICKNEY W SIDE TREAT																	.01								.01

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	48	53	55	60	60	64	65	59	61	56	65	75	74	72	46	46	55	43	59	66	66	68	70	68	79	79	75	70	78	76		63.7
	MIN	33	30	31	30	37	32	38	31	34	36		41	45	44	29	23	38	32	29	38	43	45	42	34	44	65	48	40	41	51		38.1
ALTON DAM 26	MAX	43	50	55	62	61	66	68	64	62	54	66	72	78		39	60	64	46	64	64	68	84	72	64	80	70	74	73	76	68		64.4
	MIN	38	39	37	31	40	38	44	40	38	44	38	44	50	38	33	31	44	36	32	40	48	52	48	42	44	58	54	54	44	54		42.4
ANNA	MAX	47	54	51	59	61	67	71	63	62	61	63	70	78	72	58	55	74	63	60	64	65	78	80	65	77	68	75	73	75	65		65.8
	MIN	39	39	42	33	43	38	49	43	40	49	43	50	53	55	37	29	43	35	29	39	49	55	56	47	42	54	60	51	47	54		44.8
ANTIOCH	MAX	44	50	48	58	56	55	58	52	52	54	64	72	71	50	38	44	39	45	59	66	73	69	63	45	69	73	66	61	72	75		58.0
	MIN	31	27	26	27	32	35	39	34	28	29	29	36	43	34	29	23	29	33	32	35	48	48	43	32	31	48	47	36	34	41		34.6
BELLEVILLE SCOTT AF BSE	MAX	46	51	48	62	61	67	65	62	60	55	71	66	77	62	41	53	70	45	59	64	66	80	76	62	77	65	74	72	76	65		63.3
	MIN	38	39	40	33	43	40	47	42	38	45	48	44	53	39	32	31	42	36	33	38	50	55	52	44	43	56	56	46	45	54		43.4
BLOOMINGTON NORMAL	MAX	55	52	52	59	59	60	63	60	59	55	65	71	75	75	55	45	60	51	50	65	72	72	70	69	77	78	71	70	75	75		64.1
	MIN	34	29	31	28	45	33	40	33	30	33	40	40	50	41	33	24	38	33	31	39	45	50	45	36	43	63	47	41	39	50		38.8
CAIRO WB CITY	MAX	46	57	51	61	63	69	74	66	61	67	66	72	80	76	52	39	78	59	61	63	63	80	82	68	78	71	75	75	74	65		67.1
	MIN	44	43	44	42	49	45	53	50	47	53	50	52	57	46	43	36	47	40	36	46	54	59	57	52	49	61	63	57	55	57		49.6
CARBONDALE SEWAGE PL	MAX	57	54	52	60	62	69	69	63	62	59	65	72	79	75	62	55	75	69	60	63	66	82	80	74	78	74	75	72	77	73		67.8
	MIN	41	41	44	31	44	39	43	40	39	42	43	42	52	54	39	30	41	37	28	33	48	52	48	35	56	61	50	46	53	43		43.7
CARLINVILLE 4 E	MAX	44	54	52	60	63	64	64	60	60	56	68	72	78	70	48	52	65	52	59	64	71	75	72	71	77	72	71	68	75	70		64.2
	MIN	36	38	37	30	35	34	40	36	32	39	41	42	46	38	31	28	41	34	28	35	44	52	45	43	39	55	54	45	41	52		39.7
CARLYLE	MAX	45	51	50	60	62	64	68	62	63	56	68	69	79	67	49	53	70	55	61	65	69	80	88	63	80	70	75	72	77	69		65.3
	MIN	36	37	39	31	41	40	37	34	36	44	42	48	48	46	31	28	43	34	28	34	48	53	50	42	42	57	59	48	45	44		41.5
CHARLESTON	MAX	46	55	50	63	55	56	66	60	61	56	71	72	79	71	53	49			62	63	72	76	69	68	75	72	72	70	80	72		64.8
	MIN	37	32	35	31	40	35	44	38	29	37	40	53	53	51	32	30			31	34	49	55	46	38	38	55	55	45	38	52		41.2
CHICAGO UNIVERSITY	MAX	41	42	42	47	57	51	59	48	44	49	55	64	63	47	44	39	43	44	49	63	72	69	66	44	72	74	64	52	62	68		54.5
	MIN	35	35	35	36	42	40	45	39	37	38	41	45	41	39	32	29	35	36	38	42	47	53	44	36	44	51	46	43	45	49		40.6
CHICAGO WB AIRPORT	MAX	44	48	47	59	58	57	62	51	50	56	63	73	70	52	43	46	45	43	56	65	74	70	67	43	72	74	66	63	71	75		58.8
	MIN	32	28	31	29	38	36	40	36	33	32	38	40	42	39	31	26	34	35	30	36	41	51	42	35	34	49	42	43	39	46		36.9
CHICAGO WB CITY	MAX	40	42	42	50	57	53	61	50	43	49	57	63	64	47	44	39	44	45	52	65	74	70	67	45	71	75	66	53	61	66		55.2
	MIN	35	35	38	38	43	40	43	40	37	38	41	49	40	39	33	28	34	37	37	42	49	53	44	37	36	54	46	45	45	55		41.0
CICERO	MAX	47	49	49	60	60	58	62	54	53	57	63	72	73	53	45	49	44	44	59	66	75	72	58	48	72	77	67	63	70	74		60.1
	MIN	35	28	30	30	38	36	41	37	35	35	38	41	46	39	32	26	33	35	32	36	42	51	47	37	35	58	45	43	41	46		38.3
DANVILLE	MAX	44	54	55	59	59	61	62	59	58	53	66	72	77	75	53	48	61	47	61	65	74	75	71	59	73	76	71	65	73	69		63.2
	MIN	30	29	33	28	37	35	43	39	27	32	43	43	53	42	31	29	27	34	34	32	40	55	47	36	35	55	52	44	38	52		38.5
DECATUR	MAX	43	55	56	62	61	62	67	62	62	52	70	73	79	70	47	49	63	47	61	67	75	75	72	66	80	71	72	70	79	70		64.6
	MIN	35	34	34	31	38	34	41	36	31	34	44	43	48	47	30	28	39	33	30	36	45	52	47	42	43	57	50	45	42	55		40.1
DIXON	MAX	50	53	53	57	59	60	63	56	58	57	67	73	78	66	44	45	51	48	58	65	73	69	68	61	78	78	72	69	76	78		62.8
	MIN	33	24	28	24	37	32	37	29	30	31	34	34	38	37	30	18	37	32	27	31	43	46	42	33	37	60	41	40	36	46		34.9
DU QUOIN	MAX	49	54	51	61	62	67	70	63	64	61	66	73	78	73	57	54	74	55	60	65	67	81	77	73	78	74	75	73	78	71		66.8
	MIN	39	40	43	34	44	37	44	41	39	48	44	51	52	54	38	29		35	29	36	51	56	54	45	43	54	61	50	48	54		44.6
EAST ST LOUIS	MAX	46	50	50	60	63	68	71	65	61	63	67	73	81	72	53	57	71	61	61	65	70	83	80	69	82	76	76	74	78	74		67.3
	MIN	39	40	39	35	42	41	48	43	40	46	44	46	49	46	35	33	46	37	33	39	39	56	51	45	45	59	61	48	53	56		44.5
EFFINGHAM CAA	MAX	43	53	52	59	58	62	65	58	59	52	67	70	76	68	40	48	65	42	60	63	73	76	72	58	77	71	72	68	76	64		62.2
	MIN	37	39	38	31	39	36	43	39	30	43	42	53	54	38	32	30	40	35	31	34	49	55	46	41	41	54	49	46	46	52		41.4
ELIZABETHTOWN	MAX	57	57	54	60	56	69	71	63	64	66	66	73	80	78	71	55	73	70	60	64	65	82	79	77	79	76	74	73	75	66		68.4
	MIN	39	38	46	34	41	37	44	44	40	50	44	49	56	55	40	30	41	37	34	36	49	58	67	48	41	54	60	49	50	49		45.3
FAIRFIELD	MAX	51	54	53	61	57	64	61	61	62	60	61	71	77	71	62	48	68	62	60											73		
	MIN	40	42	44	35	45	38	44	43	34	46	42	51	56	51	35	31	40	36	31	34										54		41.5
FLORA	MAX	52	55	55	56	60	65	66	60	62	59	68	73	78	72	58	50	70	64	60	66	72	79	73	72	79	77	75	70	78	73		66.6
	MIN	36	40	39	32	34	35	42	38	30	40	40	48	53	51	31	31	39	33	30	33	42	58	50	43	36	52	57	47	41	52		41.1
FREEPORT	MAX	50	54	55	58	58	60	62	55	60	57	68	74	77	57	36	43	46	47	59	66	73	70	68	55	77	70	70	69	75	79		61.6
	MIN	31	22	23	22	34	29	35	27	25	25	25	28	30	36	30	13	36	32	25	31	47	45	44	28	37	44	37	33	32	39		31.5
FULTON DAM 13	MAX	49	51	51	56	55	57	58	53	58	57	63	69	71	64	43	44	51	45	56	64	70	65	66	56	78	71	68	68	75	78		60.3
	MIN	35	31	34	30	40	36	40	37	32	35	39	41	45	39	31	26	38	33	34	36	45	47	46	38	39	62	45	43	40	50		38.9
GALESBURG	MAX	44	52	55	54	60	62	63	59	61	55	66	72	78	57	38	48	58	45	58	66	71	70	71	59	80	70	74	68	75	74		62.1
	MIN	34	32	33	34	38	34	44	35	36	38	41	50	46	38	30	27	36	35	30	39	50	51	43	36	42	55	54	42	45	55		40.1
GALVA	MAX	46	53	54	58	60	62	64	56	60	59	66	76	78	64	45	54	58		59	66	72	69	70	70	80	75	74	68	75	76		64.5
	MIN	33	29	31	30	36	30	38	33	32	34	37	43	51	40	29	22	38	32	29	35	40	47	42	34	40	62	47	39	39	49		37.4
GOLCONDA DAM 51	MAX	44	56	52	58	54	65	70	61	62	63	60	67	76	73	50	53	73	53	59	62	62	78	78	62	76	70	70	70	75	64		63.9
	MIN	40	38	43	37	44	36	47	43	41	50	45	50	54	44	36	29	42	34	31	38	50	58	56	46	40	52	58	52	50	54		44.6
GREENVILLE	MAX	44	53	49	60	61	64	61	62	60	55	66	70	78	66	46	52	68	42	59	66	72	77	74	66	78	69	74	70	75	68		63.5
	MIN	37	39	39	32	42	35	43	38	35	42	42	50	51	46	32	29	40	35	31	37	49	53	49	43	42	54	60	45	42	54		42.2
GRIGGSVILLE	MAX	57	59	53	60	61	67	65	61	60	56	65	73	78	73	45	35	62	54	58	68	73	77	73	71	84	78	69	69	75	72		65.0
	MIN	38	34	35	35	37	34	39	34	33	43	45	42	48	40	28	30	32	31	29	40	56	47	47	38	41	61	59	41	40	51		40.3
HARRISBURG	MAX	54	55		61	59	70	70	64	64	65	64	71	82	73	60	55	74	64	61	65	68	84	80	70	82	72	76	75	80	69		68.5
	MIN	40	41		32	45	38	45	42	38	47	42	51	57	52	39	30	42	35	29	33	49	58	56	46	32	54	60	51	48	54		44.3
HAVANA	MAX	43	53	53	58	61	64	66	59	62	55	67	74	79	69	46	51	62	48	59	68	73	73	72	60	80	75	72	69	76	74		64.0
	MIN	35	31	35	29	35	33	40	38	31	37	43	41	47	45	30	28	39	33	30	34	40	50	45	38	43	63	51	44	40	51		39.3
HENRY	MAX	46	57	55	60	59	63	65	59	61	55	67	77	79	66	44	48	59	46	60	66	71	72	71	63	78	72	76	69	76	78		63.9
	MIN	35	29	31	27	36	30	37	31	30	35	37	39	44	39	29	23	39	34	30	34	40	43	43	35	39	62	47	40	38	46		36.7
HILLSBORO	MAX	45	52	52	60	61	64	64	61	60	55	67	71	78	73	49	51	66	50	68	63	70	77	74	67	78	73	71	70	76	73		64.4
	MIN	37	39	38	32	40	35	42	38	34	43	42	48	50	48	31	29	41	35	31	35	48	53	47	43	43	57	57	45	43	54		41.9
HOOPESTON	MAX	45	54	54	60	57	68	63	57	59	53	66	71	78	74	51	46	57	46	59	66	73	71	68	64	75	70	73	65	75	69		62.9
	MIN	36	29	31	27	36	34	41	34	27	33	43	44	49	40	31	27	37	34	32	33	39	54	47	33	35	55	44	41	38	52		37.9
JACKSONVILLE	MAX	43	51	50	61	62	66	62	60	61	58	67	73	80	73	47	52	64	55	61	70	73	77	73	70	82	76	70	70	77	75		65.3
	MIN	36	36	37	29	34	31	38	33	33	38	42	43	46	47	30	28	46	34	27	36	44	48	44	40	44	59	52	43	40	53		39.7
JOLIET WB AIRPORT	MAX	48	53	50	58	58	59	62	54	54	56	65	76	77	60	46	46	50	43	59	64	73	70	67	50	75	75	70	66	75	74		61.1
	MIN	30	26	29	26	34	35	38	31	27	28	35	35	41	38	30	24	36	35	31	33	37	49	39	32	33	44	40	37	34	45		34.4
KANKAKEE	MAX	48	54	52	58	58	59	62	55	54	53	65	72	75	75	51	47	55	46	58	64	71	69	67	64	72	71	71	66	75	72		62.0
	MIN	35	28	30	29	38	34	39	35	29	31	41	41	50	39	31	26	36	35	31	34	39	52	46	35	32	57	44	40	37	49		37.4
KANKAKEE 4 W	MAX	46	53	51	58	58	58	62	58	55	54	66	71	74	72	51	44	54	49	57	65	72	69	67	65	72	72	70	65	74	73		61.8
	MIN	34	26	29	27	36	33	37	32	26	30	40	38	44	38	31	26	35	34	31	34	37	51	45	33	32	56	40	39	36	48		35.9
LA HARPE	MAX	41	52	54	60	62	64	62	61	61	59	68	74	79	75	45	50	60	47	69	67	72	72	72	70	83	83	72	71	76	77		65.3
	MIN	34	32	34	30	35	30	37	32	32	37	42	42	44	44	29	24	39	32	27	35	41	46	43	35	44	60	49	41	40	50		38.0

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LA SALLE	MAX	50	56	54	59	59	62	64	57	61	56	58	76	79	65	45	47	55	45	60	68	74	71	69	60	80	74	75	70	79	76		63.8
	MIN	35	25	31	24	35	34	40	34	30	32	37	36	43	40	32	24	39	34	32	34	42	50	48	34	38	61	46	41	36	45		37.1
LINCOLN	MAX	43	54	54	60	61	62	67	60	62	53	58	75	79	66	46	49	63	45	60	67	73	73	72	64	80	71	72	69	77	73		63.9
	MIN	35	31	34	28	37	33	40	34	31	38	43	41	49	46	31	28	39	33	30	38	43	51	46	36	42	59	48	44	41	53		39.4
MARENGO	MAX	49	52	50	57	57	58	61	53	55	57	66	74	76	53	38	43	41	45	58	64	73	69	66	53	72	71	68	64	75	76		59.8
	MIN	30	23	26	23	35	32	36	30	25	25	28	31	38	35	31	21	31	32	29	35	45	47	42	31	33	46	38	33	31	39		32.7
MATTOON	MAX	42	52	52	59	58	60	63	58	60	52	69	70	76	71	41	46	62	41	58	61	71	73	70	57	74	72	69	72	77	63		61.6
	MIN	36	32	35	32	40	36	45	38	29	38	41	54	52	38	32	29	35	36	28	34	48	54	45	37	38	54	48	38	38	52		39.9
MC LEANSBORO	MAX	55	55	58	63	59	68	69	63	66	62	67	75	79	76	65	54	73	64	63	67	69	81	78	75	79	75	77	75	79	72		68.7
	MIN	42	41	46	38	47	40	48	44	40	49	45	53	57	55	40	33	44	39	35	39	53	59	57	46	42	55	62	53	48	55		46.8
MINONK	MAX									59	54	65	73	78	66	52	45	55	49	57	65	70	69	68	62	78	73	72	62	75	75		64.6
	MIN									30	30	36	40	49	40	30	23	37	32	29	33	37	48	42	33	36	59	45	40	37	48		37.9
MOLINE WB AIRPORT	MAX	49	52	52	58	59	61	64	57	60	56	68	73	78	56	34	45	54	47	57	67	73	68	71	58	82	71	72	69	76	77		62.1
	MIN	35	30	32	28	38	32	39	34	30	34	42	36	40	34	30	25	34	34	29	38	44	48	41	34	42	50	41	40	40	47		36.7
MONMOUTH	MAX	42	51	53	52	58	60	67	57	55	62	65	72	75	76	48	44	57	44	56	65	71	69	68	65	80	73	73	72	74	74		62.6
	MIN	33	31	32	29	35	30	38	31	32	38	37	43	44	42	29	25	36	32	28	33	41	45	41	39	35	62	43	42	40	49		37.2
MORRIS 3 NE	MAX	50	26	51	59	60	60	60	60	52	53	61	75	80	68	48	46	55	47	60	66	72	70	69	65	77	77	72	66	75	75		62.8
	MIN	34	25	28	26	32	33	36	30	26	27	35	44	37	31	22	35	34	31	34	38	49	44	32	32	60	41	35	34	43	34		34.8
MORRISON	MAX	52	54	55	60	60	61	63	58	60	57	68	75	79	68	45	46	52	46	59	68	74	68	69	58	80	73	73	70	78	80		63.6
	MIN	32	27	28	24	34	29	36	30	27	30	34	33	37	36	28	18	36	31	27	32	41	45	43	32	36	62	39	38	37	47		34.3
MORRISONVILLE 1 E	MAX	45	51	53	59	59	62	63	61	59	52	67	70	77	66	45	49	63	54	57	63	70	73	70	65	76	68	70	68	75	67		62.6
	MIN	33	34	33	26	35	30	36	31	30	35	39	40	45	40	28	26	37	30	25	34	42	48	41	38	37	52	51	41	37	48		36.7
MT CARMEL	MAX	55	58	52	62	56	68	70	68	65	67	67	75	79	72	65	52	70	52	62	67	70	80	80	72	80	73	79	77	83	75		68.4
	MIN	40	42	42	35	40	38	44	42	32	45	42	50	50	55	33	32	40	35	32	37	47	57	54	44	40	53	54	53		55		43.6
MOUNT CARROLL	MAX	51	54	55	58	58	59	61	57	60	57	68	73	78	74	44	44	48	46	58	66	72	68	67	59	79	76	70	70	75	80		62.8
	MIN	33	24	26	23	37	32	37	30	28	31	30	31	35	37	28	21	37	31	27	31	44	47	46	30	38	61	40	36	35	43		34.3
MT VERNON	MAX	46	54	54	64	61	68	68	68	66	59	65	75	79	70	52	54	71	56	64	67	70	80	75	70	78	65	76	74	80	66		66.5
	MIN	35	36	39	31	40	33	41	40	34	41	39	45	49	47	31	25	37	31	29	30	45	51	48	38	36	45	55	47	42	50		39.7
NEW BURNSIDE	MAX	48	55	54	59	59	68	71	62	62	66	63	71	79	75	54	59	75	61	59	65	67	80	79	64	77	70	74	72	78	65		66.4
	MIN	39	37	44	29	43	34	44	38	36	47	40	50	52	53	38	28	37	32	26	33	51	55	55	47	39	53	59	48	46	55		42.9
NEWTON	MAX	51	57	56	62	65	63	69	63	64	56	72	74	78	75	58	53	65	49	65	69	78	78	76	77	75	71	73	74	82	75		67.4
	MIN	39	36	37	39	40	36	42	38	35	36	44	45	48	47	30	29	40	35	34	39	47	55	54	55	52	50	48	46	45	59		42.7
OLNEY	MAX	47	54	52	59	57	63	66	60	61	55	65	72	78	71	56	49	69	46	59	66	70	72	73	60	77	70	75	70	78	66		63.9
	MIN	39	42	42	34	44	38	44	42	37	43	42	49	56	51	34	32	40	35	32	35	50	57	52	44	38	57	59	50	45	54		43.9
OTTAWA	MAX	51	55	55	60	60	62	64	59	60	56	67	76	81	66	45	47	55	45	60	66	72	71	69	56	77	73	75	69	77	75		63.5
	MIN	35	26	31	26	34	32	39	34	30	31	36	37	45	39	32	24	38	34	31	35	40	49	47	34	37	60	46	40	37	45		36.8
PALESTINE	MAX	48	56	50	60	58	62	64	61	61	55	67	71	79	74	51	49	67	55	62	67	74	76	72	60	78	75	76	70	80	73		65.0
	MIN	39	40	38	35	42	38	42	41	29	42	40	52	55	50	32	32	39	35	31	33	49	57	49	43	39	51	56	50	42	52		42.4
PANA	MAX	49	55	54	63	62	64	67	62	63	54	69	72	79	70	49	50	67	53	62	66	74	77	73	65	80	71	72	72	80	71		65.5
	MIN	35	37	35	31	40	35	42	38	32	38	41	50	49	47	31	28	39	33	30	37	48	52	45	40	40	55	54	44	40	53		40.6
PARIS WATER WORKS	MAX	45	55	55	60	56	60	65	57	60	52	70	68	75	73	54	47	62	51	57	63	72	72	68	62	72	75	72	69	79	76		63.4
	MIN	38	31	36	31	40	35	44	38	29	35	41	53	54	49	32	31	38	35	30	33	48	56	44	36	37	55	53	46	38	53		40.6
PEORIA WB AIRPORT	MAX	43	53	54	58	58	60	65	58	60	53	67	75	79	61	39	47	60	43	57	65	71	71	71	59	79	69	73	68	75	72		62.1
	MIN	34	30	33	29	37	34	42	35	32	38	43	43	47	39	30	26	37	34	30	38	42	49	41	36	44	55	49	45	49	53		39.1
PONTIAC	MAX	46	52	53	57	58	59	64	56	58	54	66	72	77	71	49	45	56	47	56	64	70	70	70	65	76	73	73	67	75	71		62.3
	MIN	35	29	31	30	37	33	40	34	31	31	40	41	48	40	31	25	33	33	31	35	40	50	45	35	36	59	46	39	38	50		37.5
QUINCY	MAX	40	54	53	62	63	68	62	62	60	55	64	77	81	68	41	55	61	45	62	68	74	77	76	67	82	79	68	72	77	74		65.0
	MIN	35	38	36	33	38	38	42	34	38	41	43	44	46	41	30	30	44	34	29	42	49	49	46	49	49	62	49	43	46	56		41.8
QUINCY CAA	MAX	40	52	50	58	60	66	62	58	60	51	68											72	72	67	52	68	67	69	78	74		
	MIN	34	34	35	30	35	35	38	35	35	40	43											48	45	37	46	55	49	43	42	52		
RANTOUL CHANUTE AF BASE	MAX	43	55	54	60	57	55	62	55	57	52	65	72	76	70	40	46	58	40	57	65	72	70	68	55	76	70	71	65	76	66		60.9
	MIN	37	32	32	34	40	33	42	36	34	34	44	43	51	40	31	28	38	34	34	35	41	52	44	36	37	56	45	44	40	54		39.4
ROBERTS 3 N	MAX	43	51	51	59	59	58	62	55	56	53	64	65	71	73	49	46	56	52	57	65	71	70	67	62	75	71	70	64	74	72		61.4
	MIN	35	28	30	29	36	32	38	32	27	39	40	39		38	30	25	36	33	31	33	35	51	45	32	33	56	43	38	35	46		36.0
ROCKFORD	MAX	52	55	55	59	61	60	62	56	59	57	68	75	79	69	41	43	44	46	60	66	74	72	67	55	75	75	75	68	76	79		62.8
	MIN	32	24	25	25	48	36	36	32	27	27	28	33	39	36	32	19	34	32	28	35	47	47	47	33	36	58	43	40	37	47		35.4
ROCKFORD CAA	MAX	48	53	51	57	61	58	59	54	57	58	67	73	76	51	34	43	43	45	58	65	72	69	65	52	73	71	68	66	73	78		59.9
	MIN	29	24	26	24	36	35	35	32	28	27	25	31	35	33	26	18	33	32	28	35	47	46	37	32	34	49	39	38	36	46		33.2
RUSHVILLE	MAX		52	53	60	61	65	63	60	60	56	67	75	79	67	48	50	62	48	59	67	73	72	72		82	75	70	69	76	75		64.9
	MIN		33	36	31	35	31	39	33	35	39	40	42	47	44	35	27	38	32	28	39	43	48	45		37	61	44	46	44	53		39.5
SPARTA	MAX	47	51	50	60	61	68	67	63	62	57	66	72	78	75	55	55	72	63	60	65	68	81	78	72	80	76	75	72	77	77		66.8
	MIN	38	39	39	33	43	39	46	42	38	46	44	49	50	55	36	30	42	36	33	37	48	55	55	45	40	57	60	49	45	55		44.1
SPRINGFIELD WB AIRPORT	MAX	42	52	51	58	59	62	62	58	59	52	68	72	77	63	41	49	62	42	58	64	70	72	71	60	78	70	70	68	77	69		61.9
	MIN	36	32	36	29	36	32	38	37	34	38	43	42	50	38	30	29	36	34	27	42	47	51	44	39	46	58	48	45	42	54		39.8
SPRINGFIELD WB CITY	MAX	42	52	52	60	60	63	65	61	61	53	69	73	79	64	42	49	64	43	59	67	72	74	72	60	80	71	72	70	78	69		63.2
	MIN	37	34	36	34	42	37	45	40	37	38	44	45	55	41	32	30	38	34	33	43	47	52	49	41	46	61	51	46	43	55		42.2
STOCKTON	MAX	47	51	51	57	57	59	60	54	57	54	65	72	77	73	43	44	44	46	56	65	71	68	66	61	77	77	69	66	73	77		61.2
	MIN	31	22	24	28	38	30	37	32	26	25	30	36	39	35	27	17	35	30	30	38	46	44	42	26	38	60	45	36	36	41		34.1
SYCAMORE	MAX	49	51	50	58	58	57	61	58	55	56	65	74	76	55	44	43	45	45	58	65	72	68	66	54	73	72	70	66	75	76		60.5
	MIN	31	23	24	22	32	31	35	30	24	28	29	32	38	35	29	16	32	32	28	35	40	46	43	30	30	50	42	37	33	46		32.8
TABLE GROVE	MAX	42	52	53	58	59	63	67	58	60	52	62	74	78	67	42	50	60	44	58	67	73	71	71	61	80	70	70	66	74	73		62.5
	MIN	34	31	34	32	39	32	39	35	35	38	42	47	49	42	30	27	44	33	29	39	45	47	45	36	42	62	49	45	43	51		39.9
TUSCOLA	MAX	45	52	54	62	60	62	66	58	59	56	69	72	79	76	52	49	62	56	60	62	72	74	72	64	76	76	70	67	78	76		64.5
	MIN	36	32	35	29	40	35	42	36	29	38	42	46	52	49	32	29	38	34	30	34	44	55	46	35	36	56	53	44	40	54		40.0
URBANA	MAX	44	53	54	58	58	60	64	57	58	52	67	72	76	71	47	47	61	44	58	64	73	71	69	62	76	72	71	66	76	67		62.3
	MIN	36	31	34	31	38	34	44	38	31	35	42	43	51	46	31	27	37	34	33	36	41	55	46	36	38	57	51	43	42	53		39.8
VIRDEN	MAX	41	52	52	59	61	64	63	61	60	54	67	72	73	73	47	50	64	53	59	65	71	76	72	67	78	72	69	67	76	74		63.7
	MIN	36	35	36	33	38	34	39	34	35	37	41	45	50	47	31	29	41	34	29	38	45	50	46	41	45	55	52	44	41	52		40.4
WALNUT	MAX	59	52	52	57	60	60	64	58	59	57	67	75	78	77	46	45	53	47	58	66	74	72	70	66	79	80	80	79	77	77		64.8
	MIN	33	28	28	26	38	31	36	32	30	31	36	38	41	38	29	20	38	32	29	36	44	44	43	31	37	63	44	41	39	50		36.2
WATSEKA	MAX	44	53	54	60	58	69	63	57	57	53	65	71	77	75	56	46	56	46	58	65	72	71	69	64	73	71	72	65	74	67		62.7
	MIN	35	28	30	27	35	34	40	34	28	30	42	40	48	37	31	25	36	34	32	32	38	53	47	34	32	56	43	40	36	48		36.8
WAUKEGAN	MAX	42	46	44	53	57	57	59	49	48	49	60	66	70	45	40	45	39	47	50	65	70	69	64	46	69	72	60	56	60	68		55.5
	MIN	29	26	25	28	34	34	38	33	25	26	28	34	40	35	29	24	29	33	31	33	43	49	44	32	31	45	46	39	35	40		33.9
WHEATON COLLEGE	MAX	46	50	50	56				61	52	57	64	75	74	50	40	45	45	44	58	64	74	70	66		71	74	65	65	75	75		60.2
	MIN	30	25	27	25				33	27	27	30	36	41	35	30	24	32	33	31	33	40	49	59									
WHITE HALL 1 E	MAX	42	50	51	60	60	64	65	61	60	59	65	73	80	74	49	53	64	60	61	65	71	76	76	73	80	75	58	67	76	75		65.1
	MIN	36	37	38	30	35	36	41	35	36	40	42	43	48	47	31	29	41	34	28	33	46	52	48	42	42	57	54	45	44	54		40.8
WINDSOR	MAX	44	52	52			60	64	59	60	55	70	72	77	71	50		54	54	68	65	71	74	70	67	76	71	70	69	77	75		65.1
	MIN	35	33	34			28	42	35	28	36	40	52	57	50	30	28	38	33	30	32		56	47	38	38	52	54	43	36	51		39.9

See reference notes following Station Index.

STATION INDEX

Station	Index No	County	Drainage †	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	[illegible]94		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	4[illegible]2	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON FARTLINE	2 3 5
ANNAWAN	0193	HENRY	6	41 24	89 55	620		5P	ROBERT [illegible]	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I [illegible]	2 3 5
AUGUSTA HIGH SCHOOL	0[illegible]	HANCOCK	1	40 14	90 57	680		MID	ARTHUR [illegible]	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARRY	0445	PIKE	4	39 42	91 02	7[illegible]0		5P	GLADYS DU[illegible]	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	[illegible]44		7A	MATTHEW [illegible]	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	[illegible]34		MID	CORPS OF ENGINEERS	2 3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	5	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY B GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA	0873	BUREAU	1	41 13	89 37	795		MID	CAA	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 43	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA [illegible]	1386	MARION	2	38 34	89 08	498		6P	H G STEPHENSON JR	3
CHANDLERVILLE	14[illegible]	[illegible]	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN ISL	14[illegible]	[illegible]	1	41 25	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	14[illegible]	[illegible]	7	39 30	88 11	686	6P	6P	WILLIAM [illegible] DYKE[illegible]	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOV[illegible]K	3
CHGO CAL TREATMENT WKS	1522	COOK	3	[illegible] 10	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	15[illegible]	COOK	3	[illegible]	[illegible]	[illegible]34		7P	ALFRED J COOPER	3
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 [illegible]	[illegible] 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	15[illegible]	COOK	3	42 00	87 40	[illegible]92		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	154[illegible]	COOK	3	41 5[illegible]	[illegible]	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	15[illegible]	COOK	3	[illegible] 58	[illegible] 42	[illegible]		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	15[illegible]	COOK	3	41 42	[illegible] 38	[illegible]59		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	15[illegible]	COOK	3	[illegible]	[illegible]	[illegible]		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	[illegible]		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PL	1564	COOK	3	[illegible] 4[illegible]	[illegible]			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	[illegible]7	COOK	3	4[illegible]	[illegible]	[illegible]		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	[illegible]	[illegible]4	MID	[illegible]	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	[illegible] 44	62[illegible]	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	158[illegible]	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 2[illegible]	[illegible]		6P	DAVID [illegible] DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON	1743	DE WITT	1	40 09	88 58	746		6P	CHARLES [illegible] SPRAGUE	3
COLLINSVILLE	1[illegible]25	MADISON	4	38 40	89 59	500		MID	NORMA [illegible]	3 4
COULTERVILLE	19[illegible]	RANDOLPH	4	38 11	89 36	[illegible]		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 [illegible]	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2146	VERMILION	7	40 [illegible]	[illegible]	[illegible]	7P	7P	E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	214[illegible]	VERMILION	7	40 [illegible]	[illegible]			7A	[illegible]	3
DANVILLE WATER WORKS	2150	VERMILION		40 08	[illegible]	[illegible]		MID	KENNETH A IDLE	3 4
DECATUR	2193	MACON	1	39 [illegible]	88 57	[illegible]82	7P	7P	[illegible] COONRADT	2 3 5
DES PLAINES 1 NW	2[illegible]	COOK	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	3
DIONA	23[illegible]	COLES	7	3[illegible]	[illegible]	[illegible]		MID	[illegible]	3 4
DIXON	23[illegible]	LEE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	2 3 5
DOUGLAS	239[illegible]	KNOX	[illegible]	40 47	[illegible]	[illegible]		MID	[illegible]	3 4
DOWNS 2 NE	2417	MC LEAN	[illegible]	[illegible]	[illegible]	[illegible]		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	3[illegible] 01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 3
DWIGHT	249[illegible]	LIVINGSTON	1	[illegible]	[illegible]	[illegible]		6P	[illegible]	3
DWIGHT ST REFORMATORY	25[illegible]	LIVINGSTON	1	41 0[illegible]	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2611	ST CLAIR	[illegible]	38 37	90 07	413	7P	7A	[illegible]	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W [illegible]	3
EFFINGHAM CAA	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	CAA	2 3 4 5
ELGIN	27[illegible]	KANE	1	4[illegible]	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2[illegible]	[illegible]	[illegible]	[illegible]	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	[illegible]	[illegible]	[illegible] 57	[illegible]	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	288[illegible]	COOK	3	[illegible] 02	87 41	[illegible]		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	[illegible] 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 38	[illegible]		MID	ROY NEAL	3 4
FLORA	[illegible]	[illegible]	7	[illegible] 40	88 29	490	6P	6P	A C MC DANNEL	2 3 5
FREEPORT	3[illegible]	[illegible]	6	42 1[illegible]	[illegible] 37	[illegible]	7P	7P	[illegible] SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	[illegible]		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	[illegible]2	7P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	[illegible]		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 2[illegible]	90 26	[illegible]		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	4[illegible]	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 40	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	358[illegible]	PULASKI	5	37 12	89 02	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3[illegible]33	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3[illegible]3	BOND	2	38 51	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5
GRIDLEY	[illegible]	MC LEAN	1	40 [illegible]	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	[illegible]	PIKE	1	[illegible] 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3[illegible]50	CALHOUN	1	[illegible]	90 3[illegible]	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 14	88 32	366	6P	6P	JAMES R HUNTER	2 3 5
HARRISBURG HIWAY 13 PR	388[illegible]	SALINE	5	3[illegible]	88 30			6A	J [illegible] NELSON	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L L EUTENEUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	IRVING C STROH	3
HENRY	4017	MARSHALL	1	41 07	89 22	[illegible]91	7P	7P	C HADDON PERDEW	2 3 5
HILLSBORO	4108	MONTGOMERY	2	[illegible] 09	89 29	[illegible]	6P	6P	R [illegible] CRESE JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 [illegible]	7[illegible]	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4263	MC LEAN	1	4[illegible]	88 5[illegible]	[illegible]		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 [illegible]	87 40			MID	[illegible] DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	[illegible]	[illegible]	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	[illegible]	91 01	55[illegible]		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	444[illegible]	MORGAN	[illegible]	[illegible]	90 14	[illegible]	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	[illegible]	[illegible]		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	[illegible]5	5P	5P	JOSEPH A ARNOLD	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	[illegible]		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56		6P	6P	V A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 [illegible]	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	MR BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	5P	KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	4	42 [illegible]	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 05	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	[illegible]	89 38	828		MID	HENRY B LUKEHART	3 4
LAWRENCEVILLE 5 S	4959	LAWRENCE	7	38 40	87 41	472		7A	FRANK BRAY	3
LE ROY	5026	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZUR[illegible]ER JR	2 3 5
LINCOLN #2	5084	LOGAN	1	40 [illegible]	89 [illegible]	[illegible]		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	[illegible]	WILL	1	[illegible]	[illegible]	585		[illegible]	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 0[illegible]			MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5[illegible]1	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	538[illegible]	MC DONOUGH	[illegible]	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5[illegible]26	MC HENRY	[illegible]	42 15	88 36	819	6P	5P	FRANK [illegible] MACK	2 3
MARIETTA	5334	FULTON	1	40 30	90 24	5[illegible]6		MID	JOSEPH ACE MC LANCE	3 4
MARION	534[illegible]	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
[illegible]	5[illegible]	MASON	1	40 02	[illegible] 57	725		MID	CHARLES H GRADY	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	466		7A	CORPS OF ENGINEERS	3
MARSHALL [illegible]	53[illegible]	CLARK	7	[illegible] 23	87 43	606		[illegible]	B [illegible] ARFORD	3
MASCOUTAH	5[illegible]5	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	[illegible]	40 12	89 42	581		MID	HARRY L AGNEW	3 4
MATTOON	543[illegible]	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	549[illegible]	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 [illegible]	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5[illegible]	MACOUPIN	1	39 10	90 08	622		7A	M F DODGE	3
MINONK	5[illegible]	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN [illegible] CASSENS	2 3 5
MOLINE WB AIRPORT	5[illegible]51	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	[illegible]	WARREN	4	[illegible] 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	[illegible]	PIATT	1	40 02	88 34	659		4P	GEORGE ALLEN	3
MORRIS	5820	PIATT	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	[illegible]	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 29	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	[illegible]	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	[illegible]	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5961	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	593[illegible]	BROWN	1	39 59	90 46	7[illegible]1		7P	F E SAHLAND	3
MOUNT VERNON	[illegible]	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE [illegible] NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	[illegible]	KENDALL	[illegible]	41 3[illegible]	88 27	707		6P	WARREN S GRAY	3
NEW [illegible]	[illegible]	MERCER	[illegible]	[illegible]	[illegible] 03	548		8A	CORPS OF ENGINEERS	3
NE[illegible]	[illegible]	[illegible]	4	41 1[illegible]	91 01			7A	[illegible] W BLAIR	3
NEW BURNSIDE	[illegible]	JOHNSON	5	37 33	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	[illegible]	JASPER	7	39 [illegible]	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6[illegible]	OGLE	6	42 01	89 20	70[illegible]		6P	LEWIS SCHNEIDER	3 4
OTTAWA	652[illegible]	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	[illegible]	CRAWFORD	7	39 00	87 37	514	7P	7P	H M LADDIS	2 3 5
PANA	[illegible]	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	[illegible]	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	[illegible]	EDGAR	[illegible]	[illegible] 33	87 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 3
PAW PAW	[illegible]	LEE	1	41 41	88 59	9[illegible]		[illegible]	[illegible]	3
PAYSON	[illegible]	ADAMS	4	39 49	91 14	640		6A	[illegible] GIBBINS	3
PEORIA LOCK AND DAM	[illegible]	PEORIA	1	40 37	89 39	[illegible]		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	67[illegible]	PEORIA	1	40 40	[illegible] 41	[illegible]54	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	67[illegible]	WILL	1	41 20	87 48	722		2P	[illegible]	3
PERU	[illegible]	LA SALLE	1	41 21	89 [illegible]			[illegible]	[illegible]	3
PETERSBURG	6760	MENARD	[illegible]	40 01	89 51	[illegible]		4P	CLINTON HOLLIS	3
PIPER CITY	[illegible]	FORD	[illegible]	40 45	88 1[illegible]	[illegible]		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	[illegible]	[illegible]		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	[illegible]	[illegible]		6[illegible]	LOU CALLA[illegible]	3
PONTIAC	6910	LIVINGSTON	1	40 53	[illegible]	[illegible]	6P	[illegible]	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	[illegible]73	RANDOLPH	4	38 05	90 06	390		MID	MRS WALDO W GODEIR	3 4
PRINCETON [illegible] S	[illegible]	BUREAU	[illegible]	41 2[illegible]	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE [illegible]	[illegible]	PEORIA	1	40 57	89 47	745		6P	FRANK [illegible]	3
PROPHETSTOWN	[illegible]	WHITESIDE	[illegible]	41 39	89 [illegible]	[illegible]		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	[illegible]	[illegible]	91 24	601	7P	7P	A H GIBSON	2 3
QUINCY [illegible]	[illegible]	ADAMS	1	[illegible]	[illegible]		MID	MID	CAA	3 4 5
QUINCY [illegible]	[illegible]7	ADAMS	1	39 [illegible]	[illegible]	[illegible]		8A	CORPS OF ENGINEERS	3 4
QUINCY [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			7A	MELVIN [illegible]	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7[illegible]	RANDOLPH	[illegible]	[illegible]	[illegible]	[illegible]4		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 [illegible]	[illegible]		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	1	40 40	[illegible]	[illegible]	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	[illegible]		[illegible]	CALIFORNIA PKG CORP	3
ROCKFORD	7373	WINNEBAGO	6	42 15	89 05	[illegible]	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA	7[illegible]	WINNEBAGO	[illegible]	42 21	[illegible]	[illegible]	MID	MID	CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 3[illegible]	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE MISSION HSE	7603	JASPER	7	38 56	88 01			7A	J DE PALMA	3
SALEM	76[illegible]	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8147	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 19	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5
STREATOR	8[illegible]53	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 1 N	8604	BUREAU	1	41 18	89 30	5[illegible]2		6P	CHARLES PLASSCHEART	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8[illegible]84	DOUGLAS	7	39 48	88 17	6[illegible]3	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	875[illegible]	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8[illegible]	MACOUPIN	1	39 30	[illegible]	6[illegible]	6P	6P	E W WATKINS	2 3 5
WALNUT	891[illegible]	BUREAU	6	41 33	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	7[illegible]0		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	L H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 45	7[illegible]9		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	[illegible]	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	90[illegible]9	LAKE	3	4[illegible] 21	87 51	[illegible]	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	88 3[illegible]			7A	ROBERT W SANDERS	3
WENONA	9090	MARSHALL	1	41 03	[illegible]	[illegible]		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	88 [illegible]8	4[illegible]		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753	6P	6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WIL[illegible]	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	[illegible]	[illegible]5	6P	6P	MRS HERBERT ROSE	2 3 5

† DRAINAGE CODE: 1 [illegible] Michigan; 1 Mississippi, [illegible] Ohio [illegible]

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F°, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
Z	Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

U. S. DEPARTMENT OF COMMERCE
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CLIMATOLOGICAL DATA

ILLINOIS

MAY 1949

Volume LIV No. 5



CHICAGO: 1949

ILLINOIS - MAY 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

This month was the warmest May in five years and the driest since 1939. Precipitation totaled somewhat above normal in several east-central and southwestern localities but was generally much below the May average elsewhere in the State. Tornadoes hit three Illinois localities on the 21st, resulting in nine deaths and nearly 1-1/2 million dollars in property damage. Sunshine averaged above normal for the month, especially in the southern half of the State.

A warm spell which began in the latter part of April continued through the first week of May. Temperatures were far above the seasonal normal from the 3d through the 6th, nearly all stations reporting maximum readings in the lower 90's on one or more days of this period. Rather cool weather moved in on the 10-11th, temperatures dropping to the 30's in the north and to the lower 40's in the south on the morning of the 11th. A week of warm weather began on the 12th, followed by a prolonged cool spell which prevailed from the 20th through the 29th. Minimum temperatures dropped to the 40's over much of the State on the 25-28th.

Precipitation occurred on the 1st, followed by a dry spell which lasted until the 8th. General showers on the 8-10th brought heavy precipitation to many southern localities but little of consequence to most of the north. From the 14th to the 27th showers and thunderstorms occurred frequently, most northern and central localities receiving practically all of their May rainfall in this period. Heavy showers fell most frequently on the 19th and between the 21st and 26th, but some areas received considerable precipitation between the 14th and 18th.

The crop outlook was generally good at the end of May despite deficiencies in rainfall. Corn planting was over 90 percent completed in the central and northern portions of the State and about 70 percent finished in the extreme south; much of the crop was up at the end of the month. Winter wheat and oats were in good condition generally. Considerable of the soybean crop was sown and some was up. Fruit prospects were good in all areas.

TEMPERATURE

The mean temperature for the State was 65.1°, which is 2.4° above normal for the month. The monthly mean temperatures ranged from 71.1° at Cairo to 57.3° at Waukegan. The highest temperature recorded in the State was 95° at LaSalle on the 5th, and the lowest 30° at Marengo, Sycamore, and Waukegan on the 11th.

PRECIPITATION

The average precipitation for the State was 2.77 inches, which is 1.35 inches below normal for May. The total amounts recorded at various stations ranged from 6.13 inches at Edwardsville to 0.62 inch at Marengo. The heaviest rainfall reported in any one day was 2.90 inches at Wilcox on the 10th. A few stations inthe northern half of the State reported a trace of snow during the month.

TORNADOES

Three tornadoes struck Illinois late in the afternoon of the 21st. The most severe of the three formed in Missouri northwest of St. Louis and hit Wood River after crossing the Mississippi River. Five persons were killed and sixty others injured in the Wood River area. About 200 homes and 150 other buildings were destroyed and several hundred structures were damaged. An oil refinery also was extensively damaged. Several farms were hit and 500 acres of timber destroyed. Total property damage was estimated at $1,300,000. Another tornado struck the west end of Palestine and moved northeastward into Indiana. Four persons were killed and seven injured in Palestine by the storm. Five buildings were demolished, including a water pumping station, and twenty other buildings were damaged; property loss estimated at $70,000. The third tornado formed in Brown County near Mt. Sterling and moved northeastward 12 miles through a rural area. Eight farm properties were hit and several homes and barns were destroyed or damaged, but no one was killed or injured. Property damage was estimated at $40,000.

HAILSTORMS

Hailstorms struck the Coalton-Nokomis area of Montgomery County and also near Jonesboro in Union County on the 9th. Most of the damage in these areas was to crops, total losses estimated at $2,000 and $15,000,respectively. A wind and hailstorm hit a forty-square-mile area in Pulaski County on the 20th. Considerable strawberries and tree fruits were destroyed, one new building demolished and many other structures damaged. A few persons suffered slight injuries. Crop and property losses were estimated at $100,000.

ACKNOWLEDGMENT

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S.T.	1:30 p. E.S.T.	7:30 p. E.S.T.	Percent of possible	
CAIRO	30.28	4	29.56	22	8.0	31	N	20					78	10
CHICAGO AIRPORT	30.27	11	29.42	22	9.1	30	S	18	72	73	50	53	67	184
JOLIET AIRPORT	30.27	11	29.42	22	11.0				79	80	51	56		185
MOLINE AIRPORT	30.28	10	29.39	21	10.0	33	SW	3	74	75	52	52	64	125
PEORIA AIRPORT	30.26	11	29.40	22	10.9	40	SW	1	73	75	51	52	67	107
SPRINGFIELD AIRPORT	30.25	11	29.42	22	12.4	37	W	1	75	79	51	54	75	79

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	60.2	96	28	3.85	0.0	10	1913	63.4	99	28	2.90	0.0	8	1936	67.4	95	31	2.07	0.0	8
1891	59.3	93	28	2.21	0.0	6	1914	65.4	97	29	2.30	0.0	7	1937	63.8	96	30	3.23	T	10
1892	59.2	90	34	8.15	0.0	18	1915	60.1	97	28	7.02	T	15	1938	63.0	92	25	5.14	T	13
1893	59.4	95	25	4.37	0.0	9	1916	63.8	95	29	4.68	T	12	1939	66.2	95	27	2.43	0.0	8
1894	62.0	95	30	3.32	0.0	10	1917	56.8	92	27	4.19	T	11	1940	60.0	92	27	3.28	0.1	11
1895	63.6	100	24	2.23	0.0	8	1918	67.3	95	26	5.18	T	11	1941	67.0	99	30	3.09	0.0	7
1896	69.7	98	41	5.98	0.0	11	1919	60.0	96	33	5.22	T	14	1942	62.9	96	33	4.20	T	11
1897	59.5	90	27	2.00	T	7	1920	61.5	91	28	4.53	0.0	9	1943	61.6	95	26	8.75	T	15
1898	62.6	93	30	5.86	0.0	14	1921	65.4	96	29	2.08	T	7	1944	67.8	96	27	4.20	T	13
1899	64.3	93	33	6.03	0.0	13	1922	66.6	91	36	3.60	0.0	12	1945	58.2	93	24	5.24	T	14
1900	64.7	93	25	4.13	0.0	11	1923	61.1	90	26	4.31	0.1	11	1946	59.9	87	31	6.09	T	16
1901	61.6	94	29	1.93	0.0	8	1924	57.0	91	28	3.50	T	13	1947	59.4	90	26	4.32	T	14
1902	67.4	97	32	4.00	0.0	11	1925	59.5	103	25	1.37	T	5	1948	60.9	90	28	3.78	0.0	9
1903	65.3	93	24	3.10	0.0	10	1926	65.0	98	27	2.25	T	9	1949	65.1	96	30	2.77	T	10
1904	62.4	93	27	3.41	0.0	11	1927	61.4	92	32	6.99	T	15							
1905	63.4	94	33	4.42	T	10	1928	63.4	96	27	2.58	0.0	10	PERIOD	62.7	107	22	4.12	T	11
1906	64.2	95	26	2.70	T	8	1929	60.2	95	27	5.91	0.5	13							
1907	56.9	92	22	4.01	0.2	11	1930	64.3	92	30	1.82	0.0	9							
1908	63.6	95	23	7.83	T	15	1931	59.6	94	28	4.28	T	11							
1909	60.5	93	25	4.09	T	10	1932	64.3	96	28	2.35	0.0	8							
1910	58.1	89	24	5.06	T	11	1933	64.6	93	32	8.04	T	17							
1911	68.4	101	24	1.91	T	6	1934	68.2	107	28	1.03	0.0	4							
1912	65.2	94	31	3.83	0.0	10	1935	57.9	89	27	7.95	0.1	15							

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																												Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CARBONDALE SEWAGE PL	EVAP	*	.130	.300	.360	.370	.280	.240	.130	.260	.120	.300	.160	.210	.300	.110	.220	.110	.430	.380	.160	*	.640	.160	.170	.180	.230	.230		.200	.320	.190	7119D	
	WIND	60	112	88	82	80	58	50	130	50	*	*	40	24	82	51	45	42	80	133	77	53	116	91	86	28	59	44	37	36	58	40	1932	
SPRINGFIELD WB AIRPORT	EVAP	.140	.250	.320	.530	.420	.290	.510	.260	.200	.220	.380	.210	.160	.320	.330	.220	.270	.330	.200		.100	.180	.170	.240	.300	.230	.270	.220	.250	.340	.290	8,042B	
	WIND	105	167	121	166	152	105	152	119	112	115	156	49	58	71	75	71	118	165	203	39	72	135	93	120	200	69	74	70	48	78	70	3318	

See reference notes following Station Index

Table 2

CLIMATOLOGICAL DATA

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	64.9	3.2	91	5	38	11	1	0	2.81	- 1.41	.98	23	.0	0		8	4	0
ANTIOCH	59.0	1.4	89	5	33	11	0	0	2.00	- 1.67	.53	1	.0	0		9	4	0
AURORA COLLEGE	60.3	1.3	90	5	32	11	1	1	2.33	- 1.57	.96	19	.0	0		12	4	0
CHICAGO UNIVERSITY	60.1	2.6	91	5	42	11+	1	0	2.22	- 1.32	.90	19	.0	0		11	2	0
CHICAGO WB AIRPORT	61.5	3.7	94	5	36	11	4	0	2.46	- 1.04	1.53	19	.T	T		12	1	1
CHICAGO WB CITY	61.2	2.7	92	5	43	10+	3	0	2.27	- 1.27	1.23	19	.0	0		10	2	1
CICERO	62.4	2.3	94	5	37	11	4	0	2.04	- 1.52	.92	19	.0	0		10	3	0
DIXON	63.0	2.6	91	5	33	11	3	0	1.68	- 2.32	.59	1	.0	0		9	2	0
FREEPORT	61.0	2.1	90	5	32	11	1	1	.98	- 2.69	.29	22	.0	0		11	2	0
GALESBURG	65.3		90	5	41	10+	1	0	2.13	- 2.00	.64	16	.0	0		8	4	0
GALVA	63.9	2.7	91	5	37	11	1	0	2.02	- 2.17	.44	1	.0	0		8	5	0
HENRY	64.7	2.7	92	5	39	10	3	0	1.79	- 2.11	.74	25+	.0	0		10	3	0
JOLIET WB AIRPORT	61.0	2.4	92	5	32	11	4	1	3.47	- .27	2.27	19	.0	0		11	2	1
KANKAKEE	62.7	2.2	89	5+	33	11	0	0	3.03	- 1.01	1.31	15	.0	0		11	3	1
KANKAKEE 4 W	61.9		90	5	33	11	1	0	3.41	- .53	1.19	15	.0	0		11	4	1
LA SALLE	65.1	3.2	95	5	33	11	4	0	1.24	- 2.36	.24	9	.0	0		11	0	0
MARENGO	61.3	3.2	93	5	30	11	3	2	.62	- 2.90	.16	1	.0	0		9	0	0
MINONK	63.8	2.5	93	5	36	11	4	0	2.27	- 1.50	.65	27	.0	0		10	4	0
MOLINE WB AIRPORT	63.9	3.6	93	5	37	11	1	0	1.82	- 2.12	.70	21	.0	0		12	3	0
MONMOUTH	64.0	2.1	90	5	37	11	1	0	1.42	- 2.60	.30	1	.T	0		10	2	0
MORRIS 3 NE	63.2	2.5	92	5	31	11	4	1	2.13	- 1.46	.95	19	.0	0		10	3	0
MORRISON	62.7	2.1	94	5	34	11	3	0	1.25	- 2.96	.58	22	.0	0		10	2	0
MOUNT CARROLL	62.1	2.7	90	5	32	11	1	1	1.58	- 2.45	.98	22	.0	0		7	1	0
OTTAWA	63.8	2.1	92	5	35	11	3	0	1.70	- 2.24	.23	9+	.0	0		11	0	0
PONTIAC	63.5	1.0	89	5+	36	11	0	0	2.01	- 1.80	.54	22	.0	0		13	3	0
ROCKFORD	62.8M	3.2	93	5	33	11	3	0	1.53	- 2.36	.48	15	.0	0		9	2	0
ROCKFORD CAA	60.4	3.3	90	5	32	11	1	1	1.31	- 2.49	.35	21	.0	0		10	2	0
STOCKTON	61.1		90	5	33	10	1	0	1.47	- 2.37	.71	22	.0	0		10	2	0
SYCAMORE	60.7	1.9	92	5	30	11	1	1	1.75	- 2.23	.50	17	.0	0		6	4	0
WALNUT	64.2	2.6	93	5	35	11	3	0	2.59	- 1.45	.58	25	.0	0		10	5	0
WAUKEGAN	57.3	1.6	91	5	30	11	1	1	2.04	- 1.47	.42	22	.0	0		12	4	0
DIVISION	62.3	2.5							1.98	- 2.00								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	66.0	3.4	92	5	36	11	3	0	2.75	- 1.41	.90	22	.0	0		12	3	0
CARLINVILLE 4E	65.8M	1.9	89	5	39	11	0	0	2.64	- 1.49	.75	21	.0	0		11	4	0
CHARLESTON	66.7M	3.0	93	6	38	11+	3	0	3.41	- .69	1.12	9	.0	0		8	5	1
DANVILLE	63.7M	2.4	92	6	34	11	3	0	4.94	1.13	1.18	23	.0	0		13	7	1
DECATUR	66.9	3.5	92	5	38	11	5	0	2.70	- 1.43	1.90	19	.0	0		12	1	1
EFFINGHAM CAA	64.3	2.0	89	4+	38	11	0	0	3.36	- .87	1.44	21	.0	0		10	3	1
GRIGGSVILLE	66.1	2.0	92	5	37	11	3	0	2.31	- 1.98	.58	19	.0	0		14	4	0
HAVANA	66.5	3.0	93	5	39	11	4	0	1.66	- 2.16	.40	19	.0	0		15	2	0
HILLSBORO	66.7	2.6	89	3+	40	11	0	0	3.49	- .75	1.05	21	.0	0		11	4	1
HOOPESTON	63.3	1.3	90	5+	34	11	2	0	4.47	.54	.93	2	.0	0		14	7	0
JACKSONVILLE	66.7	3.5	93	5	39	11	3	0	3.58	- .59	1.16	19	.0	0		12	4	1
LA HARPE	65.7	3.4	90	5	37	11	1	0	2.44	- 1.95	.54	12	.0	0		16	5	0
LINCOLN	67.5	4.5	93	5	39	11	5	0	1.77	- 2.51	.94	19	.0	0		9	2	0
MATTOON	64.3		89	4+	35	11	0	0	2.15	- 2.15	.56	21	.0	0		10	4	0
MORRISONVILLE 1 E	63.0	0.1	87	5	35	11	0	0	2.12	- 1.79	.77	19	.0	0		9	4	0
NEWTON	67.7	4.5	93	5	41	25	4	0										
PALESTINE	66.4	1.6	94	6	38	11	3	0	2.26	- 1.88	.70	15	.0	0		9	4	0
PANA	67.4M	3.8	94	5+	38	11	6	0	2.81	- 1.22	.89	19	.0	0		11	3	0
PARIS WATER WORKS	65.6M	2.5	91	6	38	11	1	0	1.89	- 2.07	.68	22	.0	0		8	4	0
PEORIA WB AIRPORT	64.4	3.6	90	5	40	11	1	0	1.17	- 2.89	.38	9	.0	0		8	2	0
QUINCY	68.0	3.9	94	5	42	11	2	0	2.59	- 1.72	.45	21	.0	0		12	5	0
QUINCY CAA	65.5		88	3+	40	11	0	0	3.15	- 1.17	.66	21	.0	0		11	7	0
RANTOUL CHANUTE AF	63.8		90	5+	37	11	2	0	4.95	1.20	1.43	19	.0	0		11	7	1
ROBERTS 3 N	62.5	1.5	90	3+	32	11	2	1	3.98	.18	1.64	21	.0	0		13	4	1
RUSHVILLE	66.0	2.6	91	5	39	11	1	0	3.56	- .68	.79	12	.T	0		11	6	0
SPRINGFIELD WB AIRPORT	65.6	5.1	90	5	37	11	1	0	2.52	- 1.86	1.26	19	.0	0		11	3	1
SPRINGFIELD WB CITY	67.6	4.4	92	5	41	11	4	0	3.53	- .85	1.28	19	.0	0		11	6	1
TABLE GROVE	65.7	2.9	91	5	39	11	1	0	2.28	- 1.72	.46	19	.T	0		12	4	0
TUSCOLA	65.9		90	6	37	11	1	0	4.32	.23	.86	1	.0	0		11	5	0
URBANA	65.6	4.0	91	5+	38	11	2	0	4.43	.60	1.44	23	.0	0		12	5	2
VIRDEN	66.1		90	5	39	11	1	0	4.51	.52	1.74	19	.0	0		9	5	2
WATSEKA	63.0		91	6	33	11	2	0	5.22	.93	1.83	22	.0	0		17	5	2
WHITE HALL 1 E	66.7M	2.9	90	5	40	11+	1	0	3.34	- .74	.84	19	.0	0		9	5	0
WINDSOR	65.8M	2.8	91	5	36	11	1	0	3.99	- .48	1.09	22	.0	0		14	6	1
DIVISION	65.7	3.0							3.16	- 1.06								
SOUTHERN DIVISION																		
ALTON DAM 26	68.1		92	5+	40	11	3	0	5.92	1.75	1.33	10	.0	0		10	4	2
ANNA	67.3	0.8	89	6	43	12+	1	0	5.06	.80	2.00	21	.0	0		10	7	1
BELLEVILLE SCOTT AF	66.8		90	3+	42	11	2	0	2.95	- 1.28	.83	21	.0	0		10	5	0
CAIRO WB CITY	71.1	1.7	96	6	49	11	1	0	3.64	- .07	.67	20	.0	0		11	5	0
CARBONDALE SEWAGE PL	67.9M	1.8			40	12	4	0	2.44	- 1.91	.87	22				10	3	5
CARLYLE	66.5M	1.7	92	18	40	10+	6	0	2.88	- 1.18	.98	22	.0	0		9	4	0
DU QUOIN	68.2	2.0	90	4+	42	25	3	0	2.81	- .96	1.52	21	.0	0		7	4	1
EAST ST LOUIS	69.9	3.1	94	3	44	11+	4	0	2.22	- 1.98	1.05	21	.0	0		8	3	1
FAIRFIELD	66.2	1.0	91	5	42	11+	2	0	2.69	- 1.34	1.11	10	.0	0		8	4	1
FLORA	67.6	2.3	91	4	39	11+	3	0	3.30	- .67	.93	9	.0	0		8	4	0
GOLCONDA DAM 51	67.3	1.7	89	23	44	11	0	0	2.32	- 1.52	.58	10	.0	0		9	4	0
GREENVILLE	66.1	1.0	89	5	40	11	0	0	3.51	- .52	1.08	21	.0	0		10	0	1
HARRISBURG	68.2	1.1	93	6	40	12	5	0	2.12	- 1.70	.82	22	.0	0		7	3	0
MC LEANSBORO	69.9	5.4	92	6	42	10	3	0	2.42	- 1.28	1.18	10	.0	0		7	4	1
MT CARMEL	68.7	2.8	94	6	41	11+	5	0	2.27	- 1.60	.88	10	.0	0		7	4	0
MT VERNON	65.9	0.2	92	4+	36	25	5	0	2.29	- 1.84	.51	10	.0	0		7	6	0
NEW BURNSIDE	66.8	1.9	96	6	40	12+	1	0	4.17	.13	1.58	22	.0	0		10	5	1
OLNEY	66.7	0.7	92	6	40	25	2	0	3.39	- .68	1.79	9	.0	0		9	4	1
SPARTA	68.1	2.1	96	5+	43	11+	2	0	2.39	- 1.52	1.12	24				7	3	1
DIVISION	67.7	1.7							3.10	- 1.08								
STATE	65.1	2.4							2.77	- 1.35								

See reference notes following Station Index

Table 3

DAILY PRECIPITATION

Station	Day of month																												Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION		.12							.06	.83					.42	.04					.31					.24					2.02
ALEDO	.42							.09	.25						T	T		T	.15		T	.24	.98		.45		.23					2.81
ALEXIS WATER WORKS R	.22							.24	.09						.03				.20		.33	.02	.47		.24		.06					1.90
ALTON DAM 26	T				T	.04			.16	2.33						.02			.02	.65	T	2.12	.01	.42		.15						5.92
ANNA	.11								.64	.53					.22				.26	.58	2.00	T		.32			.31			.09		5.06
ANTIOCH	.53								.10		T			T	.20	.13	.04	T	.28		.04	.40			.28							2.00
AUGUSTA HIGH SCHOOL R	.70							.10				.23			*	.08			.42		.13	.13			.09							1.88
AURORA COLLEGE	.16								.03					T	.07	.12	.01	.34	.96	.01		.25	.02		.34	.02						2.33
BARRY	.47	T						.07	.76	.05					.07	.23		.09	.37	.31	.29	.10	.16	.30	T	.75						4.02
BEARDSTOWN	.33	T							.51	T			.30			.11			.07	.37		.25	T		.08	.49		T				2.51
BEARDSTOWN LGRNG DAM R//	.42							*	.57			.19			.14			.05	.50		.32	.05	.14		.23							2.61
BELLEVILLE SCOTT AF Z	.21							.27	.27	.13					.03	T		T	.64		.83	.05		.21	.31		T			T		2.95
BELVIDERE SEWAGE PLANT R	.30								.11				.13	.01	.09			.22	.06		.08	.20	.04									1.24
BENTON									.04	.50						.02					1.72			.25		.20					2.73
BLOOMINGTON NORMAL	.05								.08							.04	T	.20	.63	.05	.09	.90	.45	.07	.17	.02						2.75
BLUFFS	.13							.03	.63	T						.13		.08	.60		.30	.06	.72	.16								2.84
BRADFORD CAA	.19					T		.03	.15				T	T	T	.31	T	.03	.23	.02	.12	.11	.29		.01		T					1.49
BROOKPORT DAM 52	T	.22					.06		.22	.93	.06					.08				.94		.09			.33	.02		.07		T	.05	2.97
CAIRO WB CITY R	.17							.35	.65	.13						T			.66	.67	.22			.20		.37	T		.21	.01	3.64
CAMP ELLIS R	.23							*	.14			.31				.01		.05	.31		.08	.10	.96		.43							1.72
CANTON	.25							T	.15			T			T	.14		T	.34		.06	.08		.04	T	T						1.06
CARBONDALE SEWAGE PL									.14	.46	.03					.09				.07	.45	.87		.16	.09	.08						2.44
CARLINVILLE 4E	T								.44	.04		T				.02		.02	.60	.12	.75	.11	.03	.27	T	.24						2.64
CARLYLE	.35								.38	.16					.03				.17		.22	.98		.39		.20						2.88
CARMI		.02							.28	.40					.03						.74			.23		.20				T		1.90
CASEY		.33							.49	.24					.21				.31		.23	1.54	.10	.16		.15	.25					4.01
CENTRALIA 4 W	-	-						T	.70	.12						.07			.04		.41			.40		.12					-
CHANDLERVILLE	.05								.30			.10	.02		T	.20		.09	.55				T	.50								1.81
CHANNAHON DRESDEN ISLD		.09							.03	T						.01	.09	.29	.08	2.70		.04	.33	.15			.02					5.83
CHARLESTON	.49								1.12	.04									.42		.18	.45	.68	.03	T		T					3.41
CHENOA	.25							T	.09					.14	.03	.15		.34	.42		.92	.16	.47	.04	.76		T					3.77
CHESTER	.07								.20	.20											.17			.35								0.99
CHICAGO CAL TREAT WKS R	.28														.78	.09	.04	.27	1.88	.01	.18	.17	.12	.01	.07							3.90
CHICAGO HEIGHTS	.34	.19							.01						.31			.29	2.51	.07	.02	.49	.10		.03							4.36
CHICAGO LOYOLA UNIV R	.43												.04		.03	.25	.19	.13	1.32	.01	.07	.01										2.48
CHICAGO N BRA PUMP STA R	.31												.02	.01	.08	.05	.34		1.25	.01	.05	.01										2.13
CHICAGO SAN DIST DISP R	.25													.05	.03	.01	.04	.23	1.51		.16	.15	.01	.02	.01							2.47
CHICAGO SAN DIST OFF R	.44														.07	.02	.09	.06	1.28		.18	.08		.01								2.23
CHICAGO UNIVERSITY R	.55								T			T		T	.07	.02	.08	.21	.90	.02	.14	.08	T	.01	.14		T					2.22
CHICAGO WB AIRPORT R	.21								T					T	.07	.04	.03	.22	1.53	.02	.11	.08	.07	.02	.06							2.46
CHICAGO WB CITY R	.55								T					T	.04	.02	.05	.15	1.23	.02	.11	.09	.01		T							2.27
CHILLICOTHE	.16								.28							.06	.01	.07	.39	.01		.01	.51		.08	.13						1.71
CICERO	.27								T		T		T		.14	.03	.31	.09	.92	.06	T	.13	T	.02	.07							2.04
CISNE BROWN CAMP R	.77								.51	.30					.27	.04					.32	.12	.17	.05	.18	.02						2.75
CLINTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T						-
COLLINSVILLE R	.08							.18	.67										.47		1.17		.31	.09	.10							3.97
COULTERVILLE R	.11							.27	.31	.10											.90	.09	.15	.69	-							-
CRETE R	.37																	.23	2.29		.21	.07	.09	.02	.42							3.70
DANVILLE	.26												.08	.48	.40	.03		.10	.96	T	.12	.82	1.18	.10	.13	.28							4.94
DANVILLE SEWAGE PLANT		.25													.80	.17	.02		.17	.67		.48	.15	1.64		.33	.03					4.71
DECATUR	.08								T			T				.01		.03	1.90	.04	.10	.23	.05	.06	.10		.06	.04				2.70
DES PLAINES 1 NW	.15													.02	.10	.80	.20	1.16	.06			.92	T									2.51
DIONA R	.39								.83										.24		.86	.10	.08		.07							2.57
DIXON	.59		.02				T		.03					.02	.21	T	.16		T	.02	.46		T		.17							1.68
DOWNS 2 NE R	.25															.65		.21	.60		*	.68	1.28	.05	.20							3.92
DU QUOIN	.04								.40	.44									.03		1.52	.08		.30								2.81
DWIGHT	.05								.05					*	.28	.15		.22	1.03	.04		.50	.21		.05	.15	T					2.73
DWIGHT STATE REFORM R	.10								.06					.16	.02	.06		.29	.45		.14	.08	.30		.71							2.37
EAST ST LOUIS	T							.15	.32										.43		1.05	.02	.14	.06	.05							2.22
EDWARDSVILLE								.24	1.77						.01		T	T	.51	T	2.46	.11	.39	T	.16	.07					.41	6.13
EFFINGHAM CAA Z	.15								.62	.10					.05	.12		T	.21	T	1.44	.35	.11		.21							3.36
ELGIN	.50			T		T			T		T				.06		T	.41	.57	.04	T	.19			T		.03					1.80
ELIZABETHTOWN	.14						.04		.30	1.30					.54	.14			T	.13	.38			.41		.20			.05			3.62
ELSAH	.06								.97	.02						.04			.65		.50	.68					.05					2.97
EVANSTON PUMP STA R	.31												.04	.01	.08	.18	.24	.15	.85	.01	.04											1.91
FAIRBURY WATER WORKS R//	.15							.03						.05		.23		.29	.66		.19	.14	.78	.05	.95							3.52
FAIRFIELD	.35								.25	1.11					.12	.10					.20		.35			.21						2.69
FARMER CITY R																.46		.09	1.38		.40	.05	.53	.02	.25							3.18
FLORA	.03								.93	.63					.68	.06					T	.55		.21		.21							3.30
FREEPORT	.27					T	T				.01			.16	.09		.01	.02	.02		T	.29	T		.08	.02	.01					0.98
FREEPORT SEWAGE PLANT R		.23										T		.14		.10	.01	.09	.05	.01		.37			.02	.05	.01					1.08
GALATIA R	-							.10	.05	.29						.04			.03		1.24		.05	.18	.24							-
GALENA	.42			T					T		T		.19	T		T	.12	.11	T		*	1.49	T		.14							2.47
GALESBURG	.32								.25						T	.64		.01	.19			.06	.60	T	.06							2.13
GALVA	.44								.08						.05	.12			.28			.27	.43		.35							2.02
GENESEO	.35								.15						.02	.43		.06	.02		.09	1.00	.23		.07		.03					2.45
GIBSON CITY	.22							.07	.01			T		.19	T	.02		.45	1.35		.50	1.10			.08		.16					4.15
GLADSTONE DAM 18	.13	.19							.18	.04							T	.02		.19		.22				.08						1.05
GLENDALE EXP FARM R	.16							.56	.42	.11					.02				.15		.54			.28	.59							2.83
GOLCONDA DAM 51 Z	.21								.28	.58	.10					.16	T			.07		.11			.33	.48	T			T	T	2.32
GOLDEN	.76							.15	.14			.50			.01			T	.37	.02	.26	.09	.01	.09	.65	.02						3.07
GRAFTON	.02								.09	.41						.03			.08	.54		.91	T	.70		.48						3.26
GRAND TOWER 2 N	.12								.11	.69									T	.29	.52	.44		.31		T	.03			.11		2.62
GREENFIELD R								.15	.55									.06	.70		.30		.26		.56							2.62
GREENUP	.35								.21	.35			T		T	.09		T	.42	T	*	2.12	.65	.04								4.23
GREENVILLE	.60							*	.57	.03						.05			.62		1.08	.03		.21		.32						3.51
GRIDLEY	.06								.07							.04	.03	.13	.28		.02	.18	.78	.06	.07	.54							2.26
GRIGGSVILLE		.02						.03	.50						.10	.13		.02	.58	.11	.30	.25	.04	.03	.13	.07						2.31
HARRISBURG	T								.15	.35						T			.10		.28	.82		.24		.18	T			T		2,12
HARRISBURG HIWAY 13 BR	T	.04							.16	.25	.19						T			T	1.25					.25	.21						2.35
HAVANA	.16							.03	.33			.18			T	.10	.02	.03	.40	.02	.07	.10	T	.02	.10	.05	.05					1.66
HAVANA NO 2		.18							.29			.10	.08			T	.19		.02	.40		.15	.01			.12		.04				1.58
HENRY	.04								.23					.04		.01	T	.09	.26		.05	.07	.26		.74	T	T					1.79
HILLSBORO	.04								.95	.06		.15				.02		.02	.46	.12	1.05	.13		.29		.22						3.49
HOOPESTON Z	T	.93							.14					.12	.32	.17		.08	.72	.03	.37	.49	.58		.11	.30	.11					4.47
HUDSON LK BLOOMINGTON R									.04							.01		.19	.39		.03	.05	.91	.09	.75							2.46
HUTSONVILLE R//									.61	.08					.15				.24	.10	1.56	.09	.37		.02		.14					3.36
HUTSONVILLE POWER PLA	.04	T								.70						.09				.01		1.26	.02	.53		.05		.08				2.78
ILLINOIS CITY DAM 16 Z	.03	.19							.16	.01				.04		.01	.10		.02	.11		.92	.06	.07	.21	.29						2.22
JACKSONVILLE								.04	.59			.21				T		.15	1.16	.22	.68	.03	.15	.05	.25	.05						3.58
JACKSONVILLE SEWAGE PL R								.32	.36			.22							1.25		.35	.03	.26		.19	.01						2.99
JERSEYVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			1.10	.10	.65	.32		.16	.56							-
JOLIET BRANDON RD DAM	.04								.01	.01						.10		.13	.10	1.92		.34	.34	.13		.06						3.18
JOLIET WB AIRPORT	.15	T							.04		T	T		T	.06	.08	.19	.08	2.27	T	.08	.42	.02	T	.08		T					3.47
KANKAKEE		.05							.02						1.31	.12		.08	.69	.06	.04	.48	.17		.01							3.03
KANKAKEE 4 W	.30	.01							T						1.19	.09		.13	.92	.09		.49	.15	.02	T	.02	T					3.41
KEITHSBURG	T	.35							.17										T	.10		.40	.16	.28	T	T						1.46
KEWANEE BAKER PARK R	.38							*	.10							.32			.24		.20	.13	.50		.03							1.90
KICKAPOO	.27								.20											.39		.08		.56		.22						1.72
LA HARPE	.42	.02						.05	.16			.54	.03		.02	.03	.03	.05	.25		.06	.36	.02		.15	.25						2.44
LAWARE R	.25												.15		.10			.03			.15	.02			.03							0.73
LA SALLE	.13								.24					T	T	.08	.02	.08	.17	.04		.20	.20	.05	T	.03	T					1.24
LAWN RIDGE R	.22								.19					-		.22		.04	.22				.30		.22							-
LAWRENCEVILLE	T								.15	1.70											.12	.09				.10						2.16
LE ROY	.09								.05					.02	.01	.03		.26	.67		.96	.03	1.32		.09							3.53

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LINCOLN	T								.10							T		.02	.94	.02	.06	.20	.01	.41		.01						1.77
LINCOLN NO 2									.08							T	T		T	1.05		.20		.36		T						1.69
LOCKPORT LOCK AND DAM R	.12														.03	.10	.28	.07	2.22		.07	.39		.02	.14							3.44
LOCKPORT POWER HOUSE R	.13								.02						.02	.09	.26	.10	2.27		.08	.36	.02	.02	.13							3.50
LOUISVILLE R	.03								1.29	.48					.72						.64	.25	.23	.04	.25							3.93
MACKINAW	.07															.22		.14	.32			.14	.26	.24	.06							1.45
MACOMB	.26							.02	.01			.63			T	.02		.02	.36		.03	.03	.03	.05	1.02	.12						2.60
MARENGO	.16			T			T		.07					.09	.04	T	.03	T	.11	.01		.08			.03							0.62
MARIETTA R	.45							.12							.42	.24			.30		.10		.04		.10							1.77
MARION	T								.11	.76				.28		.06					1.60	.03		.22		.30				.02		3.38
MAROA R																-	-	-	1.43		.51	.12	.41								
MARSEILLES LOCK	.02	.01							.11	.03					.08		.11	T	.08	.25		.32	.09	.08		.13						1.31
MARSHALL 1 W	.19	.36							2.04	.51		1.00			.13				.49	.06	.04	.41	.07	.65		.05						6.00
MASCOUTAH	.33							.01	.56						T	.49			.49		*	*	*	2.16		.18	T			T		4.22
MASON CITY R	.08							.08	.33			.10							.66		.06		.30		.20							1.81
MATTOON	.25								.36	.02		.23			.03	T			.36		.56	.04	.18		.12							2.15
MC HENRY R	.46								.07						.10		.15	.03	.26		.33	.06	.10									1.56
MC HENRY 2 S	.54														.25	.02	.17	.04	.24	.05	.06	.45	T		T							1.85
MC LEANSBORO	.04								.09	1.18					.40						.32		.27		.12					T		2.42
MEDORA								.12	1.22						T	.09		T	.97	.73	.93		.13	.25	.10							4.54
MINONK	.01								.05							.17	.43	.14	.31	.02		.02	.47				.65					2.27
MOLINE WB AIRPORT Z	.18					T	T	.06	.30				T		.03	.04	T	.01	.07	T	.70	.02	.27		.13		.01					1.82
MONMOUTH	.30							.19	.10						.05	.03		.04	.24	T	T	.16	.25		.06							1.42
MONTICELLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
MORRIS	T	.18							T	.07				T	.10	T	T	.05	.07	1.10	T	.11	.22	.13								2.03
MORRIS 3 NE	.32								.04					T	T	.04	.03	.08	.95	.06		.47	.12	.02								2.13
MORRISON	.31						T	T	.11					.08	T	.03		.03	T	.01	T	.58	.03		.02		.05				T	1.25
MORRISONVILLE R								.09	.34			.22							.77		.20				.45							2.07
MORRISONVILLE 1 E	T								.44			.28				T		.02	.77	.02	.13	.09	T		.35	.02						2.12
MT CARMEL									.12	.88						T		.25			.68		.05	.03		.26						2.27
MT CARMEL WATER WORKS R	.03								.59	.47								.20			.73	.03	.06		.20					*		2.31
MOUNT CARMEL	.24						T							.09	.20	T	.01	T	T		.04	.98	.02			T						1.58
MOUNT OLIVE									1.05	.03						.02			.43	.09	1.43	.41		.53		.18					4.17
MOUNT PULASKI	T								T			.03			T	T		.18	1.07	.05	.05	.10	.10	.39	T	T						1.97
MOUNT STERLING	.35							.20	.58			.17			.02	.12		.02	.43		.22	.10	.25	.03	.18							2.67
MT VERNON	.41								.31	.51						.04					.35	T		.34		.33						2.29
MURPHYSBORO WTR WKS R//	.06							.10	.08	.58						.06			.08		.38		.01	.20								1.55
NASHVILLE	.54							.02	.75	.15					T			T			1.05	.12	T	.55	T	.75						3.93
NEWARK 7 E	.15								.05							.18	T	.11	1.35			.50	.05			.13						2.52
NEW BOSTON DAM 17	.04	.15							.17	.02						T	T	T	T	.08	T	.98		.79	T	.05		T				2.28
NEW BOSTON 2 NW		.22						.16												.12		.95	.55		.10							2.10
NEW BURNSIDE	.29					T		T	.68	.43					T	.21			.04		.57	1.58	T	.23		.13				.01		4.17
NEWTON Z									.37	.56					.09			-	-	-	.17					.26	.37					-
OLNEY	T								1.79	.43					.10	.03		T			.39	.25	.05	.17		.18						3.39
OREGON POWER PLANT Z	.50								T					.07	.06			.09	.04			.47	T		T		.09					1.32
OTTAWA	.12								.23					.08		.07	.23	.14	.19	T	.18	.08	.19		.19							1.70
PALESTINE									.52		.12				.70	.05			.06		.30	.15		.26	T	.10						2.26
PANA	.22								.80	.03						.05		.15	.89	.01	.30	.17		T	.03	.16						2.81
PARIS WATER WORKS	T								.30						.03				.25			.68	.19	.36	.02	.06						1.89
PAW PAW	.31								T							.18	.03	.07	.55	.03		.10	.05		T	T				T		1.32
PEORIA LOCK AND DAM R//	.18								.38							.17		.04	.33		.15	.02	.16		.09							1.52
PEORIA WB AIRPORT R	.14							.01	.38					T	T	.08	T	.02	.30	T	T	T	.17	T	.07		T					1.17
PEOTONE	.11								T							.32		.09	1.14	.13		.10	.10	T		.26						2.25
PERU	.02	.29							.18	.05					.14		.10		.10	.23		.27	.05	.24		.08		.02				1.77
PETERSBURG									.20			.08				.05		T	.78		.15	1.45	.10	.20		.12	T					3.13
PIPER CITY R	.38								.06					.09	.53	.18		.28	.51		1.08	.23	.49		.13							3.96
PITTSFIELD WATER WORKS R	.48							.22	.18							.14		.08	.56		.32	.18	.71		.45							3.32
PLEASANT HILL 2 E	.15							T	.70						.04	.09		.21	.99	T	1.63	.11	.31	.03	.03	.48						4.77
PONTIAC	.03								.05					.15		.07		.21	.26	.02	.04	.54	.34	.07	.07	.16	T					2.01
PRINCETON 1 S R//	.20							-	-					.42		.22	.10	.05	.43		.21	.03	.38		.17							-
PRINCEVILLE 2 NW	.08							T	.15						.03	.10		.01	.25	.02	T	.23	.48		.28	.25						1.88
PROPHETSTOWN R	.20							.06	.09					.05		.03		.07			.62		.05									1.17
QUINCY	.27							.11	.40			.27			.16				.40		.45	.03	.24	.04	.03	.19						2.59
QUINCY CAA	.49							.29	.46			.14			T	.03	.09	T	.34		.66	.04	.36		.25							3.15
QUINCY DAM 21 Z	.19	.05							.50	.11			.12			T		T	.15	.24	.30	.25	T	.09		.28						2.28
QUINCY MEMORIAL BRIDGE	.18	.12							.41	.10			.22			.44		T	T	.39		.51		.09		.19						2.65
RANTOUL CHANUTE AF Z	.24						T	T	T					.16	.06	.27		.26	1.43		.64	.39	.83	.45	.22							4.95
RED BUD	.01	.03					.60	.35							.06				.28	.68	.13			1.23								3.36
RICHVIEW R	.22						.12	.45	.18						.22	.03			.03		.13	.28	.16	.16	.21							2.19
ROBERTS 3 N	T								.13					.11	.13	.12	.24	.54		.02	1.64	.43	.36	.02	.06	.18						3.98
ROCHELLE	.28								.11						.10				.05	.17	T			.26	.04							1.01
ROCKFORD	.30								.05		T			.17	.48		T	.10	.09		.02		.22	.10							1.53
ROCKFORD CAA	.26	T				T	T		T		T		.18		.07	.02	T	.05	.11		.35	.14	.07		.06							1.31
ROCK ISLAND DAM 15	T	.33					T		.23	T				T	T	.03	.01		T	.05		1.19	T	.17	.04	.08	T	T				2.13
RUSHVILLE	.35							T	.37			.79						.02	.58		.19		.06	.61	.19	.29	.11					3.56
STE MARIE MISSION HSE	.10	.09								1.21	T					.09				.02	T	.93	.03	.21		.37						3.05
SALEM	.11								.38	.37						.26			.01		.12	.05		.28	.01	.30						1.89
SHAWNEETOWN NEW TOWN	.02	.03						.20	.60	.30	.18					.14	.04			.08	T	.76			.28	.14							2.77
SIDELL	.02	.30								.08			T		.02	.42			.38	.47		.40	.01	1.29		.05						3.44
SKOKIE N S TREAT WKS R	.41												.09		.09	.18	.14	.15	.82		.04											1.92
SPARTA	.07							T	.59	.10					T	T	T	T	.05	T	.64	.02		1.12		T	T			T		2.59
SPRINGFIELD WB AIRPORT Z	T							.02	.19			.07			T	.02		.25	1.26	T	.31	.07	.11	.03	.19		T					2.52
SPRINGFIELD WB CITY Z	T							.02	.32			.07			T	.02		.36	1.28		.80	.02	.35	.03	.26		T					3.53
STICKNEY W SIDE TREAT R	.22														.08	.02	.07	.07	1.43		.06	.13		.03	.12							2.23
STOCKTON	.39													.16	.01	.03	.06	T	.01		.04	.71			.03		.03					1.47
STREATOR	T								.04					.44	.04	.05	.02	.22	.18	.04	T	.03	.55		.03							1.64
SULLIVAN WATER WORKS R//	.10								2.45	.33					.05			.24	.69		.82	.12	.05		.15							5.00
SYCAMORE	.26																.50	.05	.40			.22			.32							1.75
TABLE GROVE	.37							.10	.09			.44			T	.03		T	.46		.15	.10	.01	T	.33	.14	.06					2.28
TISKILWA	.29								.10					.16		.23		.11	.28	.04		.25	.21		.65							2.32
TOULON	.28								.09						T	.16		T	.19	T		.10	.53		.33	.05						1.73
TUSCOLA	.86	.06							.71						.14			.15	.76		.23	.42	.73	.19	.07							4.32
URBANA	.55	.08				T									.38	.03		.07	1.23		.07	.16	1.44	.33	.03	.06						4.43
URBANA EXP FARM R						T									T	.06		.06	1.24		.19	.02	1.61	.09	.08							3.35
URBANA WATER WORKS	.13	.51													.21	.28		.05	1.29	.09		.25	.98	.31	.02	.09						4.21
UTICA STARVED ROCK DAM	.05	.07							.26	.06					.11	.02	.03	.01	.13	.28		.08	.07	.18		.01	T					1.36
VANDALIA Z	.70							T	T	1.30		T			.40				.35		.16	.85	.55			.30						4.61
VIRDEN									.28	1.15		.44			T			T	1.74	.07	.17	.21	.04			.41						4.51
WALNUT	.43					T		T	.15					T	T	.27	.02	.09	.10		.43	.33	.19		.58							2.59
WARSAW	.31							.10				.11					.11	T	.35		.20				.36							1.54
WASHINGTON R	.11								.25						.04	.16			.21	.40			1.05		.30							2.52
WATERLOO	.13							.01	.48	.43						T			.50		.68	.35		.97		T			.01		3.56
WATERMAN R//	.17								.03						.03	.06	.15	.15	.50		.05	.07	.03									1.24
WATSEKA	.52	.24				.03			.04			T		.01	1.25	.10	.01	.13	.50	.03	.02	1.83	.34	.01	.03	.13	T					5.22
WAUKEGAN	.32													.03	.31	.02	.13	.27	.22	.03	T	.42		.06	.21		.02						2.04
WAYNE CITY	.02	.48							.05	.96	.05					.05						.44		.35	.05	.27						2.72
WENONA R	.19								.05					.20		.05		.15	.17				.29		1.11							2.21
WEST FRANKFORT 8 E R						.06		.06	.13	.45					.03				.03		1.12		.05	.18	.18							2.29
WHEATON COLLEGE	.26															.11	.28	.22	.87	.28			.20		.03	.15						2.40
WHITE HALL 1 E								T	.59						T	.06		.15	.94	.09	.26	.72	T		.15	.38						3.34
WILCOX	.04	.24								2.90						.12					.50					.22						
WINDSOR	.25	.04							.56	.04		.32				.09			.88	.12	.12	1.09	.07	.26		.13		.02				3.99

See reference notes following Station Index

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
													—1st—													
ALEXIS WATER WORKS								.05	.05	.06	.04	.02														.22
AUGUSTA HIGH SCHOOL							.25	.05	.18	.16	.06															.70
BEARDSTOWN LAGRANGE DAM	//					.26	.11	.04	.01																	.42
BELVIDERE SEWAGE PLANT											.07	.06		.10	.07											.30
BRADFORD CAA	6							*	*	*	*	*	.19													
CAIRO WB CITY								.03	.08	.05	.01															.17
CAMP ELLIS								.16	.01	.01	.01	.04														.23
CHICAGO CAL TREAT WKS													.11			.13					.04					.28
CHICAGO LOYOLA UNIV												.02	.15	.01	.06	.19										.43
CHICAGO N BRA PUMP STA													.21	.01	.05	.04										.31
CHICAGO SAN DIST DISPAT												.03	.10		.01	.11										.25
CHICAGO SAN DIST OFF												.01	.19	.01	.05	.18										.44
CHICAGO UNIVERSITY													.20		.03	.29					.03					.55
CHICAGO WB AIRPORT													.05	.01	.09	.06										.21
CHICAGO WB CITY													.12	.04	.01	.38										.55
CISNE BROWN CAMP																			.71		.06					.77
COLLINSVILLE							.10	.01																		.11
CRETE													.18	.02	.10	.02					.05					.37
DIONA														.39												.39
DOWNS 2 NE												.25														.25
DWIGHT STATE REFORM						.02				.03			.04	.01												.10
EFFINGHAM CAA																			.12	.02						.14
EVANSTON PUMP STA													.19	.02	.08	.02										.31
FAIRBURY WATER WORKS	//											.02	.06	.07												.15
FREEPORT SEWAGE PLANT											.08	.02		.01	.10	.01										.22
FULTON DAM 13									.01	.09	.02	.03	.07	.01												.23
GALATIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENDALE EXP FARM									.03	.08	.05															.16
GOLCONDA DAM 51									.02	.02	.09	.01														.14
GREENFIELD																										
HOOPESTON																			.08	.69	.08	.07				.92
ILLINOIS CITY DAM 16								.07	.03		.12															.22
JOLIET WB AIRPORT	6							*	*	*	*	*	.10	*	*	*	*	*	.05							
KEWANEE BAKER PARK								.11	.07	.02	.03	.12	.03													.38
LANARK										.07	.03	.01	.02	.10	.02											.25
LAWN RIDGE							.05	.01	.08		.02	.01	.05													.22
LOCKPORT LOCK AND DAM												.02	.03	.03	.04											.12
LOCKPORT POWER HOUSE												.04	.01	.04	.03	.01										.13
LOUISVILLE																		*	*	*	*	.03				.03
MARIETTA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.45					.45
MASON CITY												.07	.01													.08
MC HENRY												.06	.07	.01	.15	.15	.02									.46
MOLINE WB AIRPORT	//								.03	.02	.11	.02														.18
MT CARMEL WATER WORKS		.01	.01	.01																						.03
MURPHYSBORO WATER WORKS	//							.06																		.06
OREGON POWER PLANT	//										.18		.05	.16	.10											.49
PEORIA LOCK AND DAM	//	.01	.01						.12				.04													.18
PEORIA WB AIRPORT									.07				.06				.01									.14
PIPER CITY													.12	.25	.01											.38
PITTSFIELD WATER WORKS							.30		.15		.03															.48
PRINCETON 1 S	//									.15	.01	.01		.03												.20
PROPHETSTOWN									.03	.07	.01	.01	.01	.06	.01											.20
QUINCY CAA	6	*	*	*	*	*	.28	*	*	*	*	*	.21													
QUINCY DAM 21							.12	.02	.01	.03	.03															.21
RANTOUL CHANUTE AF BASE	//																		.08	.10						.18
RICHVIEW								.05										.17								.22
ROCKFORD CAA	6							*	*	*	*	*	.16	*	*	*	*	*	.10							
SKOKIE N S TREAT WKS													.27	.02	.09	.03										.41
STICKNEY W SIDE TREAT													.11		.08	.03										.22
SULLIVAN WATER WORKS	//																	.02	.01	.07						.10
VANDALIA																	.66									.66
WASHINGTON											.09	.01	.01													.11
WATERMAN	//										.15			.02												.17
WENONA										.10			.07	.01	.01											.19
													—6th—													
OREGON POWER PLANT	//																			*	*	*	*	.03		.03
WEST FRANKFORT 8 E															.06											.06
													—8th—													
ALEXIS WATER WORKS																		.09	.06	.01		.01	.02	.01	.04	.24
AUGUSTA HIGH SCHOOL																*	*	*	*	*	.10	*				.10
BEARDSTOWN LAGRANGE DAM	//																			*	*	*	*	*	*	*
BRADFORD CAA	6																			*	*	*	*	*	.03	
CAIRO WB CITY																							.08	.23	.04	.35
CAMP ELLIS																				*	*	*	*	*	*	*
COLLINSVILLE																						.11	.16			.27
FAIRBURY WATER WORKS	//																						.03			.03
FULTON DAM 13																					.02	.02	.01			.05
GALATIA																									.10	.10
GLENDALE EXP FARM																									.56	.56
GOLCONDA DAM 51																									.15	.15
GREENFIELD																						.15				.15
ILLINOIS CITY DAM 16																			.12	.01						.13
JACKSONVILLE SEWAGE PL																		.08			.04	.18	.02			.32
KEWANEE BAKER PARK																				*	*	*	*	*	*	*
MARIETTA																			.12							.12
MASON CITY																				.08						.08
MOLINE WB AIRPORT	//																			.04					.02	.06
MORRISONVILLE																							.04	.01	.04	.09
MURPHYSBORO WATER WORKS	//																							.10		.10
PEORIA WB AIRPORT																									.01	.01
PITTSFIELD WATER WORKS																	.02	.01		.14	.05					.22
PRINCETON 1 S	//																		-	-	-	-	-	-	-	-
PROPHETSTOWN																					.01	.04			.01	.06
QUINCY CAA	6													*	*	*			.02	*	*	*	*	*	.27	
QUINCY DAM 21																	.05	.01	.05	.08	.01					.20
RICHVIEW																							.07	.05		.12
SPRINGFIELD WB AIRPORT	//																						.01	.01		.02
SPRINGFIELD WB CITY																							.01			.01
WEST FRANKFORT 8 E																									.06	.06
													—9th—													
ALEXIS WATER WORKS		.01	.04						.03	.01																.09
BEARDSTOWN LAGRANGE DAM	//	*	*	*	*	*	*	*	.57																	.57
BELVIDERE SEWAGE PLANT										.04	.04	.02	.01													.11
CAIRO WB CITY																	.32	.28	.05							.65
CAMP ELLIS		*	*	*	*	*	*	*	.14																	.14
CISNE BROWN CAMP																			.32	.13	.06					.51
COLLINSVILLE														.03			.25	.03								.31
DIONA															.38	.14	.16	.07	.05	.01	.02					.83
DWIGHT STATE REFORM										.03	.02	.01														.06

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
EFFINGHAM CAA	//															.39	.06	.04	.04	.14	.05					.72
GALATIA		.03	.02															.15	.20	.02						.05
GLENDALE EXP FARM		.05																.23	.32	.02						.42
GOLCONDA DAM 51		.05	.02																	.02						.64
GREENFIELD					.03	.05	.01									.09	.33	.02	.01	.01						.55
HOOPESTON						.12																				.12
HUDSON LK BLOOMINGTON										.04																.04
HUTSONVILLE	//																.11	.12	.26	.10	.02					.61
ILLINOIS CITY DAM 16					.02																					.02
JACKSONVILLE SEWAGE PL			.01	.01	.07	.12	.01									.02	.08	.04								.36
JOLIET WB AIRPORT	6	*	*	*	*	*	.04																			
KEWANEE BAKER PARK		*	*	*	*	*	.10																			.10
LAWN RIDGE									.03	.08	.08															.19
LOCKPORT POWER HOUSE							.01							.01												.02
LOUISVILLE																	.71	.01	.40	.16	.01					1.29
MASON CITY							.33																			.33
MC HENRY											.04	.03														.07
MOLINE WB AIRPORT	//	.02	.04	.07	.10	.04	.02	.01																		.30
MORRISONVILLE												.01		.06				.02	.10	.12	.03					.34
MT CARMEL WATER WORKS				.03	.05															.09	.22	.19	.01			.59
MURPHYSBORO WATER WORKS	//														.01			.05	.02							.08
PEORIA LOCK AND DAM	//							.29	.07	.02																.38
PEORIA WB AIRPORT								.20	.15	.03																.38
PIPER CITY												.05			.01											.06
PITTSFIELD WATER WORKS		.02	.01	.10	.05																					.18
PRINCETON 1 S	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROPHETSTOWN		.01		.02	.01	.02	.01	.02																		.09
QUINCY CAA	6	*	*	*	*	*	.31	*	*	*	*	*	.06	*	*	*	*	*	.09							
QUINCY DAM 21				.18	.12							.10														.40
RANTOUL CHANUTE AF BASE	//				.06	.02					.05															.13
RICHVIEW						.02		.02	.01									.36	.04							.45
SPRINGFIELD WB AIRPORT	//						.06											.04	.08	.01						.19
SPRINGFIELD WB CITY																	.02	.04	.19	.05	.01					.31
SULLIVAN WATER WORKS	//																							1.83	.62	2.45
VANDALIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON								.15	.10																	.25
WATERMAN	//								.03																	.03
WENONA								*	*	*	*	*	.05													.05
WEST FRANKFORT 8 E		.03																		.04	.02	.01	.01	.01	.01	.13
													—10th—													
CAIRO WB CITY					.01	.02	.05	.01	.02	.02																.13
CISNE BROWN CAMP			.03	.03	.07	.04	.11	.02																		.30
COLLINSVILLE				.01	.02	.02	.02	.01	.02																	.10
EFFINGHAM CAA	//	.01	.04	.04	.01																					.10
GALATIA					.12	.05	.05	.03	.04																	.29
GLENDALE EXP FARM							.01	.02	.05	.01	.01	.01														.11
GOLCONDA DAM 51									.02	.04	.01															.07
HUTSONVILLE	//	.02	.01	.01	.02	.02																				.08
LOUISVILLE		.04	.12	.18	.07	.03			.02	.01		.01														.48
MT CARMEL WATER WORKS		.01	.02	.03	.07	.14	.09	.06	.04	.01																.47
MURPHYSBORO WATER WORKS	//	.01	.04	.14	.07	.17	.04	.08		.03																.58
RICHVIEW			.02	.01		.06	.04	.02	.02	.01																.18
SULLIVAN WATER WORKS	//	.22	.11																							.33
VANDALIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST FRANKFORT 8 E		.01	.01	.01	.04	.12	.14	.07	.03	.02																.45
													—12th—													
AUGUSTA HIGH SCHOOL																		.01	.20	.01	.01					.23
BEARDSTOWN LAGRANGE DAM	//															.04	.02	.10	.03							.19
CAMP ELLIS							.05									.06	.20									.31
JACKSONVILLE SEWAGE PL																	.10	.03	.02	.06	.01					.22
MASON CITY											.10															.10
MORRISONVILLE															.22											.22
QUINCY CAA	6																			*	*	*	*	*	.14	
QUINCY DAM 21																				.03	.07					.10
SPRINGFIELD WB AIRPORT	//									.07																.07
SPRINGFIELD WB CITY										.01	.05															.06
													—13th—													
BELVIDERE SEWAGE PLANT																					.02	.03	.05	.02	.01	.13
CHICAGO LOYOLA UNIV															.02	.02										.04
CHICAGO N BRA PUMP STA																									.02	.02
EVANSTON PUMP STA																									.04	.04
FREEPORT SEWAGE PLANT																					.08	.04	.01			.13
FULTON DAM 13																						.07	.02			.09
ILLINOIS CITY DAM 16																							.03			.03
LANARK																					.05	.05	.03	.02		.15
OREGON POWER PLANT	//																						.05	.01		.06
ROCKFORD CAA	6																			*	*	*	*	*	.18	
SKOKIE N S TREAT WKS															.01										.08	.09
VANDALIA																	.05									.05
													—14th—													
BELVIDERE SEWAGE PLANT		.01																			.01					.01
CHICAGO N BRA PUMP STA																					.01					.01
CHICAGO SAN DIST DISPAT																					.05					.05
DWIGHT STATE REFORM																			.10	.06						.16
EVANSTON PUMP STA		.01																								.01
FAIRBURY WATER WORKS	//														.02	.01	.02									.05
HOOPESTON															.02	.04	.06									.12
LAWN RIDGE														-	-	-	-	-	-	-	-	-	-	-	-	-
PIPER CITY															.02			.05	.01	.01						.09
PRINCETON 1 S	//															.10	.25	.07								.42
PROPHETSTOWN																.05										.05
WENONA																		.10	.10							.20
													—15th—													
ALEXIS WATER WORKS													.01	.02												.03
AUGUSTA HIGH SCHOOL														*	*	*	*	*	*	*	*	*	*	*	*	*
BEARDSTOWN LAGRANGE DAM	//				.05	.07	.02																			.14
BELVIDERE SEWAGE PLANT												.02	.04	.02	.01											.09
CHICAGO CAL TREAT WKS						.01										.77										.78
CHICAGO LOYOLA UNIV										.01						.02										.03
CHICAGO N BRA PUMP STA									.01	.06						.01										.08
CHICAGO SAN DIST DISPAT						.01	.02																			.03
CHICAGO SAN DIST OFF						.01	.06																			.07
CHICAGO UNIVERSITY						.07																				.07
CHICAGO WB AIRPORT						.05								.02												.07
CHICAGO WB CITY		.02	.01			.01																				.04
CISNE BROWN CAMP															.26		.01									.27
DWIGHT STATE REFORM		.01	.01																							.02

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
EFFINGHAM CAA	//							.01								.07						.01	.01			.02
EVANSTON PUMP STA												.02	.04					.01			.01					.08
FREEPORT SEWAGE PLANT																										.06
GLENDALE EXP FARM										•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.04	.02
GREENFIELD														.07	.06			.15	.01			.12	.01	.01		.04
HOOPESTON																				.10	.05					.43
HUTSONVILLE	//																									.15
JOLIET WB AIRPORT	6													•	•	•	•	•	.06							
LANARK											.06	.03	.01													.10
LOCKPORT LOCK AND DAM																		.03								.03
LOCKPORT POWER HOUSE																		.02								.02
LOUISVILLE															.32	.03			.35	.02						.72
MARIETTA																					.42					.42
MAROA SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC HENRY													.03	.02	.03	.02										.10
MOLINE WB AIRPORT	//																						.03			.03
OREGON POWER PLANT	//									.02	.05															.07
PIPER CITY														.53												.53
RICHVIEW																				.21	.01					.22
ROCKFORD CAA	6							•	•	•	•	•	.06	•	•	•	•	•	.01							
SKOKIE N S TREAT WKS								.02								.06								.01		.09
STICKNEY W SIDE TREAT						.08																				.08
SULLIVAN WATER WORKS	//																						.04	.01		.05
VANDALIA																					.40					.40
WASHINGTON																						.04				.04
WATERMAN	//															.03										.03
WEST FRANKFORT 8 E																	.03									.03
													—16th—													
AUGUSTA HIGH SCHOOL		•	•	•	•	•	•	•	•	•	•	•	.08													.08
BRADFORD CAA	6							•	•	•	•	•	.12	•	•	•	•	•	.18	•	•	•	•	•	.01	
CAMP ELLIS										.01																.01
CHICAGO CAL TREAT WKS														.08			.01									.09
CHICAGO LOYOLA UNIV					.01	.02									.01	.02									.19	.25
CHICAGO N BRA PUMP STA					.01	.01										.01									.02	.05
CHICAGO SAN DIST DISPAT					.01																					.01
CHICAGO SAN DIST OFF						.02																				.02
CHICAGO UNIVERSITY															.02											.02
CHICAGO WB AIRPORT														.01	.02	.01										.04
CHICAGO WB CITY				.01												.01										.02
CISNE BROWN CAMP					.01	.03																				.04
DOWNS 2 NE																		•	•	•	•	.65				.65
DWIGHT STATE REFORM											.06															.06
EFFINGHAM CAA	//		.01	.03												.05										.09
EVANSTON PUMP STA						.03											.01								.14	.18
FAIRBURY WATER WORKS	//							.01	.03	.02							.12	.05								.23
FARMER CITY																			.08	.38						.46
FREEPORT SEWAGE PLANT																							.01			.01
FULTON DAM 13																			.05							.05
GALATIA								.04																		.04
GOLCONDA DAM 51							.05																			.05
HOOPESTON									.01	.01																.02
HUDSON LK BLOOMINGTON									.01																	.01
ILLINOIS CITY DAM 16							.02						.05			.02	.02		.01							.12
JOLIET WB AIRPORT	6							•	•	•	•	•	.08													
KEWANEE BAKER PARK							.01	.02	.03	.03	.01	.01					.21									.32
LAWN RIDGE								.02	.02				.02					.16								.22
LOCKPORT LOCK AND DAM													.08		.02											.10
LOCKPORT POWER HOUSE													.08	.01												.09
MARIETTA		.01	.01	.01		.01		.01								.19										.24
MAROA SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLINE WB AIRPORT	//								.03	.01																.04
MURPHYSBORO WATER WORKS	//										.05	.01														.06
PEORIA LOCK AND DAM	//							.05	.02								.10									.17
PEORIA WB AIRPORT								.04	.01									.03								.08
PIPER CITY											.03	.02						.08	.05							.18
PITTSFIELD WATER WORKS						.11	.03																			.14
PRINCETON 1 S	//									.08	.03		.01						.03	.06	.01					.22
PROPHETSTOWN												.03														.03
QUINCY CAA	6	•	•	•	•	•	.03																			
RANTOUL CHANUTE AF BASE	//									.01	.02									.22	.03					.28
RICHVIEW			.02	.01																						.03
ROCKFORD CAA	6							•	•	•	•	•	.02													
SKOKIE N S TREAT WKS					.02	.01								.01		.01	.01								.12	.18
SPRINGFIELD WB AIRPORT	//		.02																							.02
SPRINGFIELD WB CITY							.01																			.01
STICKNEY W SIDE TREAT															.02											.02
URBANA EXP FARM											.02	.04														.06
WASHINGTON									.03							.08	.05									.16
WATERMAN	//												.05	.01												.06
WENONA								•	•	•	•	•	•	•	•	•	•	•	.05							.05
													—17th—													
CHICAGO CAL TREAT WKS		.04																								.04
CHICAGO LOYOLA UNIV		.08	.09										.02													.19
CHICAGO N BRA PUMP STA		.06	.23																.05							.34
CHICAGO SAN DIST DISPAT		.01	.03																							.04
CHICAGO SAN DIST OFF		.06	.03																							.09
CHICAGO UNIVERSITY		.06	.02																							.08
CHICAGO WB AIRPORT		.02	.01																							.03
CHICAGO WB CITY		.02	.03																							.05
EVANSTON PUMP STA		.22																.02								.24
FREEPORT SEWAGE PLANT																.07	.01									.08
FULTON DAM 13														.01	.10											.11
JOLIET WB AIRPORT	6													•	•	•	•	•	.19							
LOCKPORT LOCK AND DAM																	.27	.01								.28
LOCKPORT POWER HOUSE																	.23	.03								.26
MAROA SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC HENRY																	.14	.01								.15
PRINCETON 1 S	//													.08	.01	.01										.10
QUINCY CAA	6																			•	•	•	•	•	.09	
SKOKIE N S TREAT WKS		.07																.07								.14
STICKNEY W SIDE TREAT		.05	.02																							.07
WATERMAN	//															.15										.15
													—18th—													
BEARDSTOWN LAGRANGE DAM	//									.04	.01															.05
BELVIDERE SEWAGE PLANT																.16	.06									.22
BRADFORD CAA	6													•	•	•	•	•	.03							
CAMP ELLIS										.05																.05
CHICAGO CAL TREAT WKS							.01					.19	.03	.01	.03											.27
CHICAGO LOYOLA UNIV												.08	.04		.01											.13
CHICAGO SAN DIST DISPAT												.18	.02			.01										.23

See reference notes following Station Index.

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO SAN DIST OFF											.02	.02	.02												.06
CHICAGO UNIVERSITY						.02					.16	.02			.01										.21
CHICAGO WB AIRPORT					.02	.01					.14	.04	.01												.22
CHICAGO WB CITY					.01	.01	.01				.07	.04	.01												.15
CRETE											.04	.03	.02	.13	.01										.23
DOWNS 2 NE							*	*	*	*	*	*	*	*	*	*	*	.21							.21
DWIGHT STATE REFORM										.12	.11	.02	.03	.01											.29
EVANSTON PUMP STA								.01	.01		.03	.09		.01											.15
FAIRBURY WATER WORKS //									.16	.02	.06	.01	.01	.01	.02										.29
FARMER CITY												.04			.05										.09
FREEPORT SEWAGE PLANT																							.02		.02
GREENFIELD									.04	.01								.01							.06
HOOPESTON															.08	.01									.09
HUDSON LK BLOOMINGTON											.13		.06												.19
JOLIET WB AIRPORT 6							*	*	*	*	*	.08													
LANARK										.03															.03
LAWN RIDGE										.04															.04
LOCKPORT LOCK AND DAM											.03	.04													.07
LOCKPORT POWER HOUSE									.01	.01	.03	.04		.01											.10
MAROA SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC HENRY											.02	.01													.03
MOLINE WB AIRPORT //									.01																.01
MT CARMEL WATER WORKS														.05	.15										.20
OREGON POWER PLANT //										.06	.03														.09
PEORIA LOCK AND DAM //										.03		.01													.04
PEORIA WB AIRPORT										.02															.02
PIPER CITY												.13	.03	.08	.01	.02	.01								.28
PITTSFIELD WATER WORKS								.03	.02	.02	.01														.08
PRINCETON 1 S //															.05										.05
PROPHETSTOWN										.06	.01														.07
RANTOUL CHANUTE AF BASE //														.10	.10										.20
ROCKFORD CAA 6							*	*	*	*	*	.05													
SKOKIE N S TREAT WKS									.02		.03	.10													.15
SPRINGFIELD WB AIRPORT //									.01	.01			.23												.25
SPRINGFIELD WB CITY									.03	.01			.29												.33
STICKNEY W SIDE TREAT					.01						.05	.01													.07
SULLIVAN WATER WORKS //														.24											.24
URBANA EXP FARM											.02	.04													.06
WASHINGTON									.10	.06	.02	.03													.21
WATERMAN //					.02	.03				.05	.04	.01													.15
WENONA		.05	.06	.03	.01																				.15
-19th-																									
ALEXIS WATER WORKS									.03	.07	.04	.01	.01		.01	.03									.20
AUGUSTA HIGH SCHOOL							.08	.05	.10	.08	.05	.04											.01	.01	.42
BEARDSTOWN LAGRANGE DAM //								.10	.14	.04	.05	.14	.03												.50
BELVIDERE SEWAGE PLANT										.02	.03		.01												.06
BRADFORD CAA 6							*	*	*	*	*	.16													
CAIRO WB CITY									.02							.18	.06							.40	.66
CAMP ELLIS									.04	.12	.07	.07	.01												.31
CHICAGO CAL TREAT WKS												1.27	.24	.17	.07	.06	.02	.02	.02	.01					1.88
CHICAGO LOYOLA UNIV											.14	.08	.32	.51	.13	.03	.02	.05	.01	.01		.02			1.32
CHICAGO N BRA PUMP STA											.13	.04	.35	.41	.18	.03	.02	.04	.01	.01		.02	.01		1.25
CHICAGO SAN DIST DISPAT										.02	.09	.50	.51	.24	.05	.03	.01	.03	.01	.01				.01	1.51
CHICAGO SAN DIST OFF											.11	.15	.69	.12	.07	.05	.01	.04	.01	.01		.01		.01	1.28
CHICAGO UNIVERSITY											.11	.31	.20	.12	.06	.03	.01	.04	.01	.01					.90
CHICAGO WB AIRPORT										.01	.11	.79	.31	.16	.05	.04	.01	.02	.01		.01		.01		1.53
CHICAGO WB CITY											.09	.16	.65	.13	.09	.05	.02	.01	.01		.01		.01		1.23
CRETE										.06	1.74	.12	.11	.13	.04	.01	.01	.02	.01		.03		.01		2.29
DIONA									.08	.03	.05	.02	.02	.04											.24
DOWNS 2 NE							*	*	*	*	*	*	*	*	*	*	*	.60							.60
DWIGHT STATE REFORM											.31	.09	.02							.01			.01	.01	.45
EFFINGHAM CAA //									.04	.06		.03	.09												.22
EVANSTON PUMP STA												.03		.76			.01	.03		.01		.01			.85
FAIRBURY WATER WORKS //									.09	.04	.16	.04		.03	.29			.01							.66
FARMER CITY									.37	.63	.20	.17	.01												1.38
FREEPORT SEWAGE PLANT																								.01	.01
GALATIA																			*	*	*	*	*	.03	.03
GLENDALE EXP FARM																							.15		.15
GOLCONDA DAM 51										.04														.03	.07
GREENFIELD								.15	.12	.05	.03	.02	.03							.05	.23	.01	.01		.70
HOOPESTON										.29	.30	.04	.02		.02	.03	.01	.01							.72
HUDSON LK BLOOMINGTON											.05	.15	.05	.01	.02	.05	.05				.01				.39
HUTSONVILLE //														.24											.24
ILLINOIS CITY DAM 16											.05	.05													.10
JACKSONVILLE SEWAGE PL							.07	.35	.37	.04	.02	.06	.04						.27				.03		1.25
JOLIET WB AIRPORT 6							*	*	*	*	*	1.69	*	*	*	*	*	.54	*	*	*	*	*	.04	
KEWANEE BAKER PARK										.02	.10	.08					.02	.02							.24
LAWN RIDGE										.08	.14														.22
LOCKPORT LOCK AND DAM										.34	.03	1.37	.20	.13	.08	.02	.01	.01	.02	.01					2.22
LOCKPORT POWER HOUSE										.33	.01	1.50	.16	.12	.07	.02		.01	.03	.01	.01				2.27
MARIETTA									.06	.14	.05	.03	.02												.30
MAROA SEWAGE PLANT								.33	.15	.34	.26	.30		.02					.03						1.43
MASON CITY								.05	.12	.34	.07	.05	.02	.01											.66
MC HENRY													.05	.09	.04	.02	.03	.02	.01						.26
MOLINE WB AIRPORT //												.05				.02									.07
MORRISONVILLE									.22	.21	.05	.16	.01	.09							.02	.01			.77
MURPHYSBORO WATER WORKS //																						.08			.08
OREGON POWER PLANT //												.04													.04
PEORIA LOCK AND DAM //									.01	.19	.10	.03													.33
PEORIA WB AIRPORT									.02	.17	.10	.01													.30
PIPER CITY										.27	.07	.09	.03	.02						.02	.01				.51
PITTSFIELD WATER WORKS								.25	.06	.11	.02	.03				.02		.02	.05						.56
PRINCETON 1 S //										.01	.26	.10	.03					.02	.01						.43
QUINCY CAA 6							*	*	*	*	*	.34													
QUINCY DAM 21								.13	.07	.09	.08	.03													.40
RANTOUL CHANUTE AF BASE //									.16	.48	.26	.05				.20	.02	.01							1.18
RICHVIEW										.03															.03
ROCKFORD CAA 6	*	*	*	*	*	.04							*	*	*	*	*	.07							
SKOKIE N S TREAT WKS											.01	.06	.31	.25	.11	.01	.03	.01	.01		.01	.01			.82
SPRINGFIELD WB AIRPORT //							.05	.21	.66	.18	.08		.07	.01											1.26
SPRINGFIELD WB CITY							.01	.03	.62	.25	.09	.01	.15	.03	.01				.04						1.24
STICKNEY W SIDE TREAT										.01	.05	1.02	.15	.09	.04	.04	.01	.02							1.43
SULLIVAN WATER WORKS //										.29	.08	.10	.20		.02										.69
URBANA EXP FARM									.18	.59	.29	.05	.07	.01			.03		.02						1.24
VANDALIA									.17	.16	.02		.03												.38
WASHINGTON										.21	.18	.01													.40
WATERMAN //												.05	25	.14	.01	.01		.03	.01						.50
WENONA			.07	.07														.01	.02						.17
WEST FRANKFORT 8 E											.03														.03
-20th-																									
BRADFORD CAA 6	*	*	*	*	*	.02																			
CAIRO WB CITY		.66	.01																						.67
CHICAGO CAL TREAT WKS	.01																								.01

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO LOYOLA UNIV		.01																								.01
CHICAGO N BRA PUMP STA		.01																								.01
CHICAGO UNIVERSITY		.02																								.02
CHICAGO WB AIRPORT			.01			.01																				.02
CHICAGO WB CITY					.01	.01																				.02
EVANSTON PUMP STA								.01																		.01
HUTSONVILLE	//						.01	.01	.08					-	-	-	-	-	-	-	-	-	-	-	-	-
-21st-																										
ALEXIS WATER WORKS																			.08	.25						.33
AUGUSTA HIGH SCHOOL									.11	.02																.13
BEARDSTOWN LAGRANGE DAM	//								.23	.07															.02	.32
BELVIDERE SEWAGE PLANT													.01	.02							.02		.02		.01	.08
BRADFORD CAA	6																			*	*	*	*	*	.12	
CAIRO WB CITY							.19			.03																.22
CAMP ELLIS										.03	.01	.01							.03							.08
CHICAGO CAL TREAT WKS																						.11		.07		.18
CHICAGO LOYOLA UNIV																						.01	.03	.01	.02	.07
CHICAGO N BRA PUMP STA																							.03		.02	.05
CHICAGO SAN DIST DISPAT																						.10		.06		.16
CHICAGO SAN DIST OFF																						.13	.01	.04		.18
CHICAGO UNIVERSITY																						.08		.06		.14
CHICAGO WB AIRPORT																						.04		.07		.11
CHICAGO WB CITY																						.05	.03	.02	.01	.11
CISNE BROWN CAMP										.13	.11													.05	.03	.32
COLLINSVILLE								.70	.17	.03																.90
CRETE																					.03	.12		.06		.21
DIONA									.08	.04								.03			.04	.34	.28	.05		.86
DOWNS 2 NE																				*	*	*	*	*	*	*
DWIGHT STATE REFORM																							.09	.04	.01	.14
EFFINGHAM CAA	//																				.08	.88	.32	.02		1.30
EVANSTON PUMP STA																					.01	.01	.01		.01	.04
FAIRBURY WATER WORKS	//																	.09	.01		.01	.06		.01	.01	.19
FARMER CITY																	.20	.08		.02	.10					.40
FREEPORT SEWAGE PLANT																						.03	.07	.15	.06	.31
FULTON DAM 13																					.30	.24	.06			.60
GALATIA								.02	.55	.55	.05	.07														1.24
GLENDALE EXP FARM					.02	.01		.12		.39																.54
GOLCONDA DAM 51									.03	.03	.01															.07
GREENFIELD									.22	.03	.02												.01		.02	.30
HOOPESTON																	.01	.29	.15	.02	.03	.12	.05		.01	.68
HUDSON LK BLOOMINGTON																			.02			.01				.03
HUTSONVILLE	//										.12	.01						.63						.62	.18	1.56
ILLINOIS CITY DAM 16																			.02	.68	.10					.80
JACKSONVILLE SEWAGE PL									.07	.07								.18	.03							.35
JOLIET WB AIRPORT	6																			*	*	*	*	*	.08	
KEWANEE BAKER PARK											.01		.01								.01	.17				.20
LANARK													.01	.01	.01							.02	.05	.05		.15
LOCKPORT LOCK AND DAM																							.02	.03	.02	.07
LOCKPORT POWER HOUSE														-	-	-	-	-	-	-	-	-	-	.06	.02	.08
LOUISVILLE										.11	.02	.01												.50		.64
MARIETTA								.04	.03	.02	.01															.10
MAROA SEWAGE PLANT															.10		.30			.08				.03		.51
MASON CITY																			.05	.01						.06
MC HENRY																					.01	.15	.01		.16	.33
MOLINE WB AIRPORT	//																			.17	.45	.07	.01			.70
MORRISONVILLE										.17														.03		.20
MT CARMEL WATER WORKS		*	*	*	*	*	*	*	*	*	*	*	.73													.73
MURPHYSBORO WATER WORKS	//							.25	.07	.02										.04						.38
OREGON POWER PLANT	//																					.05		.25	.10	.40
PEORIA LOCK AND DAM	//																					.14			.01	.15
PIPER CITY																	.03	.02	.52	.26	.01	.24				1.08
PITTSFIELD WATER WORKS								.03	.22								.02	.05								.32
PRINCETON 1 S	//																						.16	.05		.21
PROPHETSTOWN																					.22	.37	.03			.62
QUINCY CAA	6							*	*	*	*	*	.20	*	*	*	*	*	.46							
QUINCY DAM 21								.10	.19							.01	.11	.09								.50
RANTOUL CHANUTE AF BASE	//															.01	.06	.21			.03					.31
RICHVIEW									.09	.03	.01															.13
ROCKFORD CAA	6													*	*	*	*	*	.05	*	*	*	*	*	.35	
SKOKIE N S TREAT WKS																					.02	.01			.01	.04
SPRINGFIELD WB AIRPORT	//									.14	.01				.03				.04	.09						.31
SPRINGFIELD WB CITY										.20	.01								.09	.47						.77
STICKNEY W SIDE TREAT																						.01		.04	.01	.06
SULLIVAN WATER WORKS	//										.25					.02		.02			.50	.01		.01	.01	.82
URBANA EXP FARM									.02	.03			.06	.02				.01		.02	.03					.19
VANDALIA									.02	.15	.03										.10	.48	.02			.80
WATERMAN	//																								.05	.05
WEST FRANKFORT 8 E										.53	.56											.03				1.12
-22d-																										
ALEXIS WATER WORKS			.01	.01																						.02
AUGUSTA HIGH SCHOOL				.10	.03																					.13
BEARDSTOWN LAGRANGE DAM	//	.01			.01			.01	.02																	.05
BELVIDERE SEWAGE PLANT		.19	.01																							.20
BRADFORD CAA	6	*	*	*	*	*	.05	*	*	*	*	*	.06													
CAMP ELLIS								.03	.04	.02	.01															.10
CHICAGO CAL TREAT WKS		.05							.11			.01														.17
CHICAGO LOYOLA UNIV															.01											.01
CHICAGO N BRA PUMP STA						.01																				.01
CHICAGO SAN DIST DISPAT										.08	.07															.15
CHICAGO SAN DIST OFF										.06	.02															.08
CHICAGO UNIVERSITY		.05								.01	.01	.01														.08
CHICAGO WB AIRPORT		.01							.02	.01	.04															.08
CHICAGO WB CITY		.01							.01	.03	.03	.01														.09
CISNE BROWN CAMP		.01	.11																							.12
COLLINSVILLE			.09																							.09
CRETE							.02	.04	.01																	.07
DIONA				.10																						.10
DOWNS 2 NE		*	*	*	*	*	.68																			.68
DWIGHT STATE REFORM		.01								.06	.01															.08
EFFINGHAM CAA	//		.25	.01			.01				.01	.05	.01	.01												.35
FAIRBURY WATER WORKS	//				.03			.04		.05	.02															.14
FARMER CITY			.01				.01		.02	.01																.05
FREEPORT SEWAGE PLANT		.01																								.01
HOOPESTON		.02						.01	.01	.01	.02	.10	.01													.18
HUDSON LK BLOOMINGTON					.04	.01																				.05
HUTSONVILLE	//	.01	.01	.03						.01	.03															.09
ILLINOIS CITY DAM 16					.12	.03																				.15
JACKSONVILLE SEWAGE PL									.02	.01																.03
JOLIET WB AIRPORT	6	*	*	*	*	*	.01	*	*	*	*	*	.41													
KEWANEE BAKER PARK										.10	.01	.01	.01													.13
LANARK		.01	.01																							.02

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending											P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LOCKPORT LOCK AND DAM		.01					.01	.02		.25	.10															.39
LOCKPORT POWER HOUSE								.02		.24	.10															.36
LOUISVILLE			.02	.23																						.25
MAROA SEWAGE PLANT		.02				.02	.02	.06																		.12
MC HENRY		.01										.01	.04													.06
MOLINE WB AIRPORT	//						.01			.01																.02
MT CARMEL WATER WORKS															.03											.03
OREGON POWER PLANT	//	.05	.01																							.06
PEORIA LOCK AND DAM	//		.02																							.02
PIPER CITY					.02			.03	.02	.07	.09															.23
PITTSFIELD WATER WORKS					.18																					.18
PRINCETON 1 S	//							.03																		.03
QUINCY CAA	6	*	*	*	*	*	.03	*	*	*	*	*	.01													
RANTOUL CHANUTE AF BASE	//	.02								.28	.02															.32
RICHVIEW			.24					.04																		.28
ROCKFORD CAA	6	*	*	*	*	*	.05	*	*	*	*	*	.04													
SPRINGFIELD WB AIRPORT	//						.06	.01																		.07
SPRINGFIELD WB CITY						.01	.01	.01																		.03
STICKNEY W SIDE TREAT										.06	.07															.13
SULLIVAN WATER WORKS	//		.02	.01			.03		.02	.04																.12
URBANA EXP FARM										.02																.02
VANDALIA		.05				.02	.01																			.08
WATERMAN	//	.07																								.07

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ALEXIS WATER WORKS										.29	.18															.47
BEARDSTOWN LAGRANGE DAM	//																		.10	.04						.14
BELVIDERE SEWAGE PLANT											.03	.01														.04
BRADFORD CAA	6							*	*	*	*	*	.29													
CAMP ELLIS												.02									.04					.06
CHICAGO CAL TREAT WKS																		.01	.11							.12
CHICAGO SAN DIST DISPAT																		.01								.01
CHICAGO WB AIRPORT																		.07								.07
CHICAGO WB CITY														.01												.01
CISNE BROWN CAMP																							.03	.14		.17
COLLINSVILLE																							.15			.15
CRETE														.05	.01		.01		.01	.01						.09
DIONA																				.06	.02					.08
DOWNS 2 NE								*	*	*	*	*	1.28													1.28
DWIGHT STATE REFORM													.25	.02			.03									.30
EFFINGHAM CAA	//																						.09	.02	.01	.12
FAIRBURY WATER WORKS	//												.20	.32	.01	.01		.24								.78
FARMER CITY													.05	.02	.33	.03	.02	.05				.02	.01			.53
GALATIA																						.05				.05
GREENFIELD																				.05	.16	.05				.26
HOOPESTON															.58	.05										.63
HUDSON LK BLOOMINGTON														.87				.04								.91
HUTSONVILLE	//																			.05	.03	.02	.12	.15		.37
ILLINOIS CITY DAM 16									.08	.05	.02															.15
JACKSONVILLE SEWAGE PL																		.23		.03						.26
JOLIET WB AIRPORT	6							*	*	*	*	*	.02													
KEWANEE BAKER PARK											.40	.10														.50
LAWN RIDGE												.28	.02													.30
LOCKPORT POWER HOUSE														.01		.01										.02
LOUISVILLE																							.08	.15		.23
MARIETTA																					.04					.04
MAROA SEWAGE PLANT																					.05	.35	.01			.41
MASON CITY																					.26	.04				.30
MC HENRY																							.10			.10
MOLINE WB AIRPORT	//								.02	.13	.04							.03	.05							.27
MT CARMEL WATER WORKS							.02	.02	.01	.01																.06
MURPHYSBORO WATER WORKS	//																							.01		.01
PEORIA LOCK AND DAM	//											.15				.01										.16
PEORIA WB AIRPORT												.14				.02					.01					.17
PIPER CITY														.44				.05								.49
PITTSFIELD WATER WORKS																.61	.04	.03		.03						.71
PRINCETON 1 S	//										.02	.17					.18	.01								.38
PROPHETSTOWN											.04	.01														.05
QUINCY CAA	6													*	*	*	*	*	.06	*	*	*	*	*	.30	
QUINCY DAM 21																		.07			.02	.02				.11
RANTOUL CHANUTE AF BASE	//													.27	.21	.09	.15	.01			.04					.77
RICHVIEW																							.15	.01		.16
ROCKFORD CAA	6													*	*	*	*	*	.07							
SPRINGFIELD WB AIRPORT	//																.04	.06				.01				.11
SPRINGFIELD WB CITY												.17						.10	.02			.01				.30
SULLIVAN WATER WORKS	//																		.02	.03						.05
URBANA EXP FARM														.32	.01	.79		.28	.07		.01	.03	.08	.02		1.61
VANDALIA																					.03	.44	.08			.55
WASHINGTON												1.05														1.05
WATERMAN	//												.03													.03
WENONA												.03	.25	.01												.29
WEST FRANKFORT 8 E																									.05	.05

—24th—

CAIRO WB CITY									.12	.08	.08	.08	.01													.37
CHICAGO CAL TREAT WKS			.01																							.01
CHICAGO SAN DIST DISPAT	.02																									.02
CHICAGO SAN DIST OFF	.01																									.01
CHICAGO UNIVERSITY		.01																								.01
CHICAGO WB AIRPORT	.01	.01																								.02
CISNE BROWN CAMP				.03	.01	.01																				.05
COLLINSVILLE		.08	.07	.03	.10	.13	.17	.10	.01																	.69
CRETE	.01	.01																								.02
DOWNS 2 NE	*	*	*	*	*	.05																				.05
FAIRBURY WATER WORKS	//		.04	.01																						.05
FARMER CITY					.02																					.02
GALATIA									.05	.05	.05	.02	.01													.18
GLENDALE EXP FARM										.17	.04	.07														.28
GOLCONDA DAM 51										.06	.04	.06	.02													.18
HUDSON LK BLOOMINGTON		.07		.02																						.09
LOCKPORT LOCK AND DAM	.02																									.02
LOCKPORT POWER HOUSE	.02																									.02
LOUISVILLE										.02	.01						.01									.04
MURPHYSBORO WATER WORKS	//				.01	.01	.08	.03	.04	.03																.20
RANTOUL CHANUTE AF BASE	//	.02	.01	.37																						.40
RICHVIEW				.04	.04	.01	.03	.02	.02																	.16
SPRINGFIELD WB AIRPORT	//			.02	.01																					.03
SPRINGFIELD WB CITY					.01																					.01
STICKNEY W SIDE TREAT	.03																									.03
URBANA EXP FARM						.08		.01																		.09
WEST FRANKFORT 8 E							.02	.02	.09	.04	.01															.18

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—25th—																									
ALEXIS WATER WORKS								.02	.03	.09		.02				.07	.01								.24
AUGUSTA HIGH SCHOOL																		.06	.03						.09
BEARDSTOWN LAGRANGE DAM //																	.03	.15	.05						.23
BRADFORD CAA 6							*	*	*	*	*	.01													
CAIRO WB CITY																								.20	.20
CAMP ELLIS																	.01	.16	.09	.17					.43
CHICAGO CAL TREAT WKS																				.07					.07
CHICAGO SAN DIST DISPAT																			.01						.01
CHICAGO UNIVERSITY																			.14						.14
CHICAGO WB AIRPORT																			.06						.06
CISNE BROWN CAMP																						.18			.18
COLLINSVILLE																			-	-	-	-	-	-	-
CRETE																			.27	.15					.42
DIONA																			.03		.04				.07
DOWNS 2 NE																			*	*	*	*	*	.20	.20
DWIGHT STATE REFORM												.03	.04					.01	.57	.05	.01				.71
EFFINGHAM CAA //																				.07	.10				.17
FAIRBURY WATER WORKS //																			.09	.86					.95
FARMER CITY														.06	.01	.03						.15			.25
FREEPORT SEWAGE PLANT																	.05								.05
GALATIA																						.18	.06		.24
GLENDALE EXP FARM																							.54	.05	.59
GOLCONDA DAM 51																								.36	.36
GREENFIELD																			.51	.04	.01				.56
HOOPESTON														.03	.07						.25	.01	.01		.37
HUDSON LK BLOOMINGTON												.03	.03	.04					.02			.63			.75
HUTSONVILLE //																			.01	.01					.02
ILLINOIS CITY DAM 16							.10	.12	.13	.14															.49
JACKSONVILLE SEWAGE PL																		.12	.03	.03				.01	.19
JOLIET WB AIRPORT 6																			*	*	*	*	*	.08	
KEWANEE BAKER PARK																						.03			.03
LANARK							.01	.01	.01																.03
LAWN RIDGE										.01	.02	.02	.01				.02	.14							.22
LOCKPORT LOCK AND DAM																			.14						.14
LOCKPORT POWER HOUSE																			.13						.13
LOUISVILLE																					.20	.05			.25
MARIETTA																	.02	.08							.10
MASON CITY																	.02	.03	.15						.20
MOLINE WB AIRPORT //						.04		.03	.02	.01	.01				.02										.13
MORRISONVILLE																			.22	.20	.03				.45
MT CARMEL WATER WORKS																						.07	.13		.20
OREGON POWER PLANT //								.05	.01																.06
PEORIA LOCK AND DAM //													.07				.02								.09
PEORIA WB AIRPORT /													.04				.02	.01							.07
PIPER CITY													.02	.05		.01				.05					.13
PITTSFIELD WATER WORKS																	.07	.30	.02	.05	.01				.45
PRINCETON 1 S //																.03	.12	.02							.17
QUINCY CAA 6													*	*	*	*	*	.08	*	*	*	*	*	.17	
QUINCY DAM 21																	.02	.03	.03	.22					.30
RANTOUL CHANUTE AF BASE //														.04	.07	.02					.06	.01		.01	.21
RICHVIEW																					.15	.06			.21
ROCKFORD CAA 6							*	*	*	*	*	.03	*	*	*	*	*	.03							
SPRINGFIELD WB AIRPORT //																		.01	.10	.05	.03				.19
SPRINGFIELD WB CITY																		.01	.11	.10	.05				.27
STICKNEY W SIDE TREAT																			.12						.12
SULLIVAN WATER WORKS //																					.15				.15
URBANA EXP FARM																	.08								.08
VANDALIA																			*	*	*	*	*	.32	.32
WASHINGTON											.12	.11	.04	.03											.30
WENONA																		.09	.93	.09					1.11
WEST FRANKFORT 8 E																							.18		.18
—26th—																									
CISNE BROWN CAMP	.02																								.02
JACKSONVILLE SEWAGE PL	.01																								.01
—27th—																									
ALEXIS WATER WORKS											.06														.06
FREEPORT SEWAGE PLANT							.01																		.01
HOOPESTON			.01	.09																					.10
HUTSONVILLE //																						.14			.14
MOLINE WB AIRPORT //											.01														.01
—30th—																									
CAIRO WB CITY				.02	.10	.03	.06																		.21
—31st—																									
CAIRO WB CITY				.01																					.01

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	67	80	88	88	91	85	74	67	65	67	73	83	85	85	80	78	87	79	78	60	70	71	76	69	73	70	73	73	77	84	87	76.9
	MIN	55	44	57	66	69	63	54	43	53	40	38	52	55	56	52	52	63	65	59	46	52	52	52	47	49	46	49	49	48	54	61	52.8
ALTON DAM 26	MAX	78	84	90	88	88	92	74	72	80	70	70	83	85	92	82	84	84	86	79	70	73	73	84	70	76	77	73	74	76	78	85	79.7
	MIN	56	60	70	64	60	68	52	50	58	48	40	50	53	62	59	62	64	66	64	54	55	58	54	52	44	53	52	53	54	53	63	56.5
ANNA	MAX	74	81	88	89	88	90	78	79	75	68	69	78	81	85	83	84	86	85	81	82	78	73	79	76	72	73	66	77	77	77	83	79.2
	MIN	57	48	53	58	62	59	61	51	58	51	44	43	51	54	57	61	59	65	66	62	59	59	53	57	43	55	50	50	55	56	60	55.4
ANTIOCH	MAX	68	77	88	88	89	84	61	67	58	55	67	73	85	83	66	74	83	81	77	53	56	66	67	67	65	63	62	61	73	78	80	71.5
	MIN	53	46	50	67	54	52	45	39	47	36	33	46	45	47	45	49	58	65	40	41	42	47	48	45	40	37	45	38	40	49	53	46.5
AURORA COLLEGE	MAX	71	75	88	89	90	87	61	71	62	58	70	81	84	76	76	73	85	82	73	56	60	70	72	62	65	65	63	66	74	79	85	73.2
	MIN	56	46	48	62	63	51	46	38	43	38	32	46	42	55	46	59	62	65	42	42	45	53	45	45	35	35	48	37	37	48	55	47.3
BELLEVILLE SCOTT AF	MAX	79	84	90	89	89	90	72	73	77	69	67	79	85	85	80	85	86	81	78	68	77	73	82	67	74	71	68	75	78	79	86	78.6
	MIN	54	48	56	63	60	62	54	50	56	51	42	45	52	57	61	61	60	64	64	56	54	57	54	50	44	54	50	52	52	59	60	54.8

See reference notes following Station Index

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BLOOMINGTON NORMAL	MAX	76	79	90	89	92	91	87	73	71	69	71	83	85	85	81	78	87	86	77	70	76	69	76	75	65	67	72	73	75	80	86	78.5
	MIN	55	48	56	66	65	65	48	42	52	41	36	52	54	60	61	65	63	68	64	45	52	54	52	54	42	43	48	44	46	52	62	53.4
CAIRO WB CITY	MAX	77	86	88	89	89	90	80	81	76	69	72	81	84	87	84	85	87	88	83	86	80	77	83	77	75	72	72	78	79	79	84	81.2
	MIN	64	54	58	64	65	66	62	58	61	56	49	51	57	60	66	67	68	70	67	64	65	65	62	52	60	59	57	58	60	60	65	61.0
CARBONDALE SEWAGE PL	MAX	75	83		91	89	90	89	80	78	67	69	81	84	85	86	86	89	90	85	84	79	76	80	79	73	73	69	77	78	79	86	81.0
	MIN	57	44		54	55	59	59	50	57	45	44	40	49	57	57	60	62	61	63	62	58	65	54	60	42	52	50	49	60	60	60	54.8
CARLINVILLE 4 E	MAX	79	80	88	88	89	88	78	74	78	69	70	80	85	87	83	84	86	82	80	73	75	71	80	72	76	69	73	74	75	80	84	79.0
	MIN	54	46	52	56	59	64	51	48	55	49	39	43	52	58	58	54	52		63	52	53	57	52	55	50	50	48	50	48	52	55	52.5
CARLYLE	MAX	80	85	90	90	90	90	79	75	79	69	69	81	86	87	84	85	88	92	80	72	79		82	73	74		73	75	78	78	88	81.1
	MIN	58	49	54	62	63	65	51	49	49	40	41	44	53	56	58	51	52	55	65	48	45	59	54	46	40		40	41	51	59	56	51.8
CHARLESTON	MAX	76	83	87	90	90	93	83	76	81	67	69	80	83	89	86	84	86	80	77	73	73	72	80	71	71	65	76			82	88	79.7
	MIN	58	45	54	62	61	62	49	43	58	48	38	47	53	58	59	61	61	64	65	49	53	56	54	56	38	47	48			52	54	53.6
CHICAGO UNIVERSITY	MAX	71	74	88	89	91	89	54	60	55	50	62	71	81	67	61	72	66	81	75	52	56	66	73	62	61	58	57	56	69	75	76	69.0
	MIN	56	50	59	68	70	50	47	47	45	43	42	52	51	48	46	54	60	68	42	45	47	54	54	46	45	43	47	45	45	56	60	51.1
CHICAGO WB AIRPORT	MAX	72	76	91	91	94	91	60	68	64	57	71	77	86	66	74	75	89	85	76	57	61	68	75	64	64	65	62	60	76	83	85	73.6
	MIN	54	48	53	65	68	51	45	41	45	41	36	51	47	51	46	58	63	67	42	44	48	56	52	45	41	39	45	43	39	50	58	49.4
CHICAGO WB CITY	MAX	70	76	89	90	92	90	54	59	58	49	63	70	84	68	63	73	86	82	76	51	58	66	75	64	62	58	57	54	69	75	76	69.6
	MIN	58	50	63	68	72	50	48	50	45	43	44	54	55	47	47	55	62	69	43	45	47	58	57	46	48	44	48	47	49	60	63	52.7
CICERO	MAX	74	77	91	91	94	91	62	69	65	60	72	79	87	79	73	76	88	84	76	57	60	67	76	65	64	69	64	63	74	82	84	74.6
	MIN	57	48	51	65	69	53	48	42	48	41	37	51	48	58	46	57	62	66	42	42	46	55	50	46	41	39	50	43	40	52	59	50.1
DANVILLE	MAX	74	78	88	90	91	92	78	74	73	65	66	82	85	87	83	76	85	86	74	57	75	69	81	66	66	63	74	67	72	76	83	76.6
	MIN	57	48	47		62	63	47	43	56	46	34	45	53	56	55	59	59	65	52	45	50	59	51	52	37	43	47	45	42	50	52	50.7
DECATUR	MAX	80	81	90	90	92	91	79	77	77	72	76	84	86	88	84	86	89	81	77	64	75	70	80	67	71	69	76	74	82	86	90	80.1
	MIN	54	47	54	65	63	66	49	45	57	47	38	48	53	57	55	63	63	67	64	47	54	48	52	55	40	46	50	51	52	56	57	53.6
DIXON	MAX	78	76	89	90	91	90	73	69	68	63	72	83	85	83	76	75	85	81	78	58	61	71	74	75	70	68	70	73	76	85	88	76.6
	MIN	46	46	49	67	67	64	50	40	51	38	33	47	49	55	48	58	64	65	48	45	44	52	46	46	39	39	44	38	42	46	62	49.3
DU QUOIN	MAX	77	84	89	90	90	90	87	78	78	70	67	80	84	88	84	86	87	88	82	81	79	75	81	76	73	72	71	79	80	82	88	81.2
	MIN	59	48	58	58	61	62	55	52	52	52	44	44	44	44	45	63	63	76	65	61	58	62	56	59	42	52	51	50	52	60	61	55.1
EAST ST LOUIS	MAX	81	88	94	92	92	93	85	74	79	71	72	83	88	87	82	87	89	84	82	73	78	76	84	76	78	74	71	78	80	81	88	81.9
	MIN	59	51	61	66	62	67	53	53	59	52	44	48	57	64	62	64	63	68	66	58	56	60	56	57	44	56	52	53	55	62	63	57.8
EFFINGHAM CAA	MAX	77	79	87	89	88	89	68	74	79	65	66	77	81	84	83	83	85	80	77	65	76	67	78	67	69	66	74	71	75	77	86	76.8
	MIN	54	46	51	59	58	60	49	46	53	45	38	44	51	55	57	60	59	63	60	53	52	55	53	43	39	49	47	51	49	52	54	51.8
FAIRFIELD	MAX	74	81	86	87	90	91	84	72	80	62	62	78	82	85	85	81	82	82	81	75	78	74	78	74	68	68	72	71	71	76	82	77.8
	MIN	60	47	52	56	59	61	53	63	60	50	42	44	53	58	58	61	61	65	66	60	62	53	54	58	42	52	46	50	50	59	58	55.3
FLORA	MAX	78	83	86	91	90	90	85	77	80	67	69	78	84	86	85	83	86	83	82	75	80	72	82	75	72	70	78	75	76	77	88	80.2
	MIN	57	50	52	56	68	62	49	47	56	48	39	45	53	56	55	58	58	60	65	55	64	55	54	55	39	50	45	51	46	57	62	53.8
FREEPORT	MAX	69	76	88	89	90	81	71	68	66	65	69	81	84	75	71	73	83	82	73	59	57	73	74	65	72	68	70	71	78	82	86	74.5
	MIN	55	44	48	66	66	61	46	35	50	34	32	45	47	52	46	54	63	65	45	43	43	48	43	44	42	36	43	35	40	43	58	47.5
GALESBURG	MAX	71	78	88	88	90	83	72	68	61	63	73	83	85	84	75	78	84	80	71	58	75	71	77	63	72	70	75	74	77	82	87	76.0
	MIN	53	50	58	67	72	65	55	47	50	41	41	55	54	64	59	65	63	68	50	46	52	53	54	46	45	47	54	48	52	55	62	54.5
GALVA	MAX	71	78	88	88	91	83	79	69	64	65	73	83	85	85	77	77	85	81	76	60	72	71	76	68	72	69	74	72	77	81	86	76.6
	MIN	54	45	54	62	64	64	50	42	52	38	37	52	52	56	50	60	61	65	51	44	48	51	51	48	42	44	47	44	45	52	61	51.2
GOLCONDA DAM 51	MAX	70	78	85	87	86	88	75	80	78	65	68	76	81	86	82	84	86	85	82	82	78	84	89	65	72	70	64	76	80	78	84	78.8
	MIN	60	50	52	55	56	58	57	52	59	52	44	46	52	54	58	60	60	56	64	62	62	60	55	54	50	56	53	53	56	60	62	55.7
GREENVILLE	MAX	82	88	88	87	88	89	79	72	79	68	66	78	82	84	80	83	85	81	78	68	75	70	78	73	71	67	71	71	75	75	85	77.6
	MIN	57	46	54	60	61	63	51	49	57	51	40	48	53	57	58	62	61	62	64	55	54	58	54	57	44	50	47	51	51	58	59	54.6
GRIGGSVILLE	MAX	78	81	89	90	92	90	84	71	68	66	72	87	85	87	84	82	85	82	79	73	71	73	83	69	66	71	78	75	78	82	86	79.3
	MIN	54	46	55	63	66	65	57	41	51	42	37	50	57	56	58	58	59	53	61	48	51	52	55	57	43	49	49	50	48	54	51	52.8
HARRISBURG	MAX	74	86	90	92	92	93	83	80	82	69	72	81	85	89	86	88	90	89	86	85	83	78	83	72	75	71	73	78	78	77	80	81.9
	MIN	61	49	54	56	55	58	58	50	58	52	43	40	49	54	55	62	58	63	69	62	58	65	52	58	41	51	46	47	50	58	59	54.5
HAVANA	MAX	75	80	90	91	93	90	79	73	72	67	71	82	84	85	77	84	86	82	77	63	77	70	81	76	74	70	78	75	78	84	88	79.1
	MIN	57	48	54	65	65	64	53	45	53	44	39	52	54	59	60	60	60	66	63	48	52	53	53	53	40	47	50	49	48	53	60	53.8
HENRY	MAX	73	79	89	90	92	90	73	72	65	67	72	84	85	85	83	77	86	80	76	57	71	73	77	68	69	70	74	73	76	82	86	77.2
	MIN	55	49	53	69	69	68	51	41	52	39	34	55	51	56	50	60	63	69	51	45	51	56	50	49	43	44	51	40	43	52	59	52.2
HILLSBORO	MAX	78	83	89	88	89	89	83	72	73	70	69	79	84	85	79	84	86	79	79	72	75	69	81	74	71	68	74	72	73	78	86	78.4
	MIN	58	48	53	62	62	64	51	49	56	50	40	48	53	68	57	62	60	65	66	54	54	58	56	56	41	49	49	51	50	57	56	54.9
HOOPESTON	MAX	75	77	87	89	90	90	80	73	71	68	69	82	84	84	82	76	85	81	74	56	72	66	75	64	62	64	70	69	73	77	85	75.8
	MIN	57	47	50	63	60	62	47	44	54	44	34	48	51	56	54	59	59	64	53	45	51	57	51	50	38	41	47	40	44	50	53	50.7
JACKSONVILLE	MAX	75	82	91	90	93	89	81	74	71	68	72	81	85	87	83	87	88	82	80	71	75	73	82	67	75	71	79	75	79	81	87	79.8
	MIN	58	46	53	64	62	61	52	47	55	45	39	47	52	54	55	62	63	65	63	49	53	55	52	54	41	50	50	51	51	55	58	53.6
JERSEYVILLE	MAX																	86	86	81	69	75	72	72	79	65	70	73	74	76	80	85	
	MIN																	65	65	64	59	53	58	57	51	39	51	49	48	52	58	60	
JOLIET WB AIRPORT	MAX	73	76	90	90	92	90	66	72	64	60	71	84	87	79	80	74	88	80	75	57	63	68	74	63	63	67	67	66	75	80	85	74.8
	MIN	52	48	48	63	62	52	40	38	43	35	32	50	42	49	46	59	62	66	43	43	47	58	47	40	38	38	42	37	38	50	56	47.2
KANKAKEE	MAX	76	75	88	86	89	89	80	72	67	63	69	81	83	80	83	72	82	79	75	60	66	67	72	69	61	65	69	69	74	79	85	75.1
	MIN	57	48	51	54	65	63	48	41	52	43	33	50	47	57	45	60	63	65	46	43	48	59	51	48	39	40	49	37	39	51	55	50.2
KANKAKEE 4 W	MAX	73	75	88	88	90	89	80	71	68	62	67	81	83	78	82	70	82	79	74	56	64	66	71	70	61	63	67	67	72	77	84	74.2
	MIN	56	46	51	61	64	61	47	41	52	42	33	51	45	55	45	59	62	64	46	43	47	58	51	48	39	40	48	37	40	50	56	49.6
LA HARPE	MAX	71	80	88	89	90	89	77	71	62	67	74	84	82	86	83	81	85	82	79	63	77	75	80	77	73	70	79	77	80	83	87	78.7
	MIN	51	46	54	66	68	62	55	45	45	41	37	52	52	59	59	61	61	62	61	48	51	52	51	49	41	46	48	48	48	53	58	52.6
LA SALLE	MAX	74	80	92	92	95	89	71	75	66	65	73	85	88	85	81	79	89	82	77	58	66	71	77	69	70	68	74	75	80	86	92	78.2
	MIN	56	49	52	64	68	66	50	41	52	39	33	55	49	58	48	60	64	70	49	45	49	56	49	51	41	43	50	38	50	49	61	51.9
LINCOLN	MAX	80	82	90	90	93	92	80	76	78	70	75	84	87	87	83	84	88	82	77	67	77	71	82	74	73	72	79	76	80	84	90	80.7
	MIN	56	49	56	64	65	61	49	45	56	44	39	53	54	59	59	63	62	67	64	46	53	64	54	55	43	45	51	48	48	53	59	54.3
MARENGO	MAX	69	75	89	90	93	85	67	74	58	62	72	80	86	78	74	77	89	83	76	61	61	70	73	66	69	68	71	72	79	85	90	75.5
	MIN	56	58	54	68	65	62	46	34	48	35	30	46	45	52	44	53	62	69	43	42	40	50	46	40	35	34	43	32	34	41	50	47.0
MATTOON	MAX	78	79	87	89	88	89	67	74	78	66	66	79	82	86	84	83	85	82	74	61	75	66	78	64	68	65	75	73	75	80	86	76.8
	MIN	54	45	55	61	59	54	46	44	55	44	35	46	52	56	59	61	64	63	54	53	54	53	53	46	39	48	47	51	45	52	56	51.8
MC LEANSBORO	MAX	74	45	87	90	93	92	87	79	80	75	70	80	84	87	86	85	89	87	90	83	80	77	82	79	75	74	73	80	80	79	89	82.2
	MIN	61	48	54	59	58	60	55	52	59	51	42	44	52	56	58	62	62	62	73	63	58	65	53	58	44	53	48	51	52	58	60	55.8
MINOK	MAX	73	74	91	90	93	90	79	73	70	64	71	83	86	83	84	77	88	78	75	56	72	69	74	73	68	68	70	70	77	82	88	77.1
	MIN	55	47	52	62	63	61	41	41	52	39	36	51	50	56	49	59	66	65	51	43	50	55	48	52	40	43	47	41	43	50	59	50.5
MOLINE WB AIRPORT	MAX	71	79	89	89	93	78	70	68	65	65	72	81	85	82	76	78	86	82	74	58	67	71	74	62	73	68	72	71	77	82	88	75.7
	MIN	51	48	56	62	71	58	52	42	48	41	37	53	56	56	50	60	64	68	48	47	52	51	49	45	45	46	45	42	49	54	62	52.1
MONMOUTH	MAX	72	74	87	89	90	81	71	68	63	65	70	81	83	84	84	80	85	80	73	58	76	69	78	66	73	68	74	76	77	83	86	76.2
	MIN	54	59	54	68	63	62	53	42	43	39	37	52	51	57	55	61	61	62	62	45	50	50	50	49	38	45	46	45	47	53	60	51.8
MORRIS 3 NE	MAX	73	78	90	90	94	92	72	67	62	72	82	86	83	83	75	88	80	77	67	66	70	74	72	67	66	69	69	75	80	83	85	76.9
	MIN	57	56	49	64	65	65	46	37	51	39	31	53	44	55	46	59	64	67	45	43	47	57	49	48	41	38	49	37	40	46	57	49.5
MORRISON	MAX	72	77	90	90	94	79	72	70	68	67	73	82	87	80	76	76	85	84	76	60	64	72	74	68	74	69	74	74	79	85	89	76.8
	MIN	54	44	44	54	64	63	40	37	51	37	34	49	50	52	46	60	60	64	47	44	46	49	46	44	39	40	42	37	44	50	61	48.5
MORRISONVILLE 1 E	MAX	75	80	86	89	87	86	73	74	75	69	70	79	82	85	79	83	85	80	73	67	75	69	78	69	72	68	75	72	73	78	83	77.0
	MIN	53	43	48	58	58	58	46	43	53	46	35	43	48	51	52	58	57	60	60	46	48	51	49	43	36	45	44	45	44	49	50	49.0
MT CARMEL	MAX	78	84	90	92	92	94	85	81	81	75	72	78	85	88	87	88	89	86	85	80	81	78	85	75	75	80	78	80	80	78	91	82.9
	MIN	58	48	53	60	59	60	53	50	60	50	41	44	54	58	58	60	60	63	65	60	57	57	57	57	41	53	46	50	50	50	57	54.4
MOUNT CARROLL	MAX	70	75	88	89	89	85	71	69	66	66	70	80	84	79	74	74	83	81	75	59	59	71	72	68	71	67	72	73	78	82	86	75.0
	MIN	55	48	47	61	68	64	46	36	53	36	32	51	47	53	47	56	62	67	47	45	43	50	46	46	41	39	46	36	41	45	60	49.1
MT VERNON	MAX	80	84	90	91	92	92	81	80	81	68	70	82	86	89	85	89	89	86	79	80	79	71	84	70	75	74	76	80	81	78	91	81.7
	MIN	54	42	48	55	52	56	48	47	53	47	38	38	43	49	54	58	55	57	61	57	53	58	49	53	36	47	45	48	48	46	54	49.9
NEW BURNSIDE	MAX	72	81	86	88	88	90	77	77	76	67	67	76	81	86	85	84	86	85	82	86	78	74	79	70	71	69	64	75	76	73	84	78.5
	MIN	59	45	57	60	61	60	59	48	58	50	43	40	52	57	62	60	63	64	65	60	57	63	54	59	40	52	48	47	50	57	58	55.1

See reference notes following Station Index

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEWTON	MAX	82	84	91	91	93	92	84	82	81	75	79	87	87	89	85	76	78	80	70	77	78	73	72	69	73	73	80	78	80	84	84	80.9
	MIN	56	50	57	60	64	68	55	51	61	50	42	52	54	59	58	50	52	53	52	50	55	53	54	56	41	49	52	58	60	57	60	54.5
OLNEY	MAX	75	82	88	90	89	92	75	76	82	66	75	78	83	87	86	84	86	86	80	73	78	75	80	69	70	66	75	74	75	76	88	79.3
	MIN	59	45	54	54	58	61	51	49	58	51	41	44	55	58	57	61	61	64	64	58	57	57	54	47	40	52	46	54	49	58	59	54.0
OTTAWA	MAX	73	79	90	90	92	89	71	72	66	66	73	84	86	83	81	75	84	79	76	57	65	70	75	66	65	65	71	71	77	82	88	76.2
	MIN	57	47	52	67	67	64	49	40	51	40	35	54	49	58	48	59	64	67	47	45	48	53	51	51	42	43	50	40	46	48	59	51.3
PALESTINE	MAX	75	82	89	91	91	94	75	78	84	68	58	79	84	87	89	82	88	85	79	70	78	67	78	68	71	66	73	75	78	78	88	79.3
	MIN	52	60	51	57	56	58	50	46	58	50	38	42	51	57	57	61	61	63	66	55	54	58	54	49	42	52	53	51	46	59	53	53.5
PANA	MAX	81	83	90	91	94	94	80	78	85	70	73	82	87	89	85	89	90	84	76	65	80	70	82	72	74	70	79	78	81	86	91	81.6
	MIN	56	47	53	62	61	63	49	45	56	50	38	48	53	57	58	60	59	63	63	49		56	53	56	40	47	47	49	48	53	55	53.1
PARIS WATER WORKS	MAX	73	79	86	88	89	91	82	75	79	67	68	78	79	87	85	82	85	83	75	65		72	77	65	67	64	72		77	81	88	77.9
	MIN	57	48	55	64	62	62	48	43	58	49	38	48	52	58	60	60	61	65	67	49		52	54	55	40	46	48		44	48	53	53.2
PEORIA WB AIRPORT	MAX	72	77	88	89	90	88	69	73	67	65	71	82	83	83	77	83	86	80	72	58	76	70	77	64	68	69	74	73	76	82	87	76.4
	MIN	51	47	58	65	65	56	50	46	48	43	40	54	54	59	54	63	63	68	49	46	53	53	51	45	41	45	49	46	48	56	62	52.5
PONTIAC	MAX	73	77	88	88	89	89	78	71	69	64	69	82	83	82	80	74	84	80	74	56	68	69	74	70	65	65	69	68	72	77	84	75.2
	MIN	56	47	54	65	65	65	48	41	53	41	36	55	52	59	48	61	61	65	49	44	50	58	53	52	43	44	48	40	44	50	59	51.8
QUINCY	MAX	74	83	89	91	94	88	74	64	63	69	75	85	86	88	79	82	86	82	80	66	77	74	82	67	78	76	80	75	79	83	85	79.2
	MIN	57	50	61	69	70	67	55	51	53	43	42	54	57	58	61	64	64	68	63	52	55	55	55	52	46	51	55	55	54	62	63	56.8
QUINCY CAA	MAX	70	78	88	88	88	82	70	65	65	65	72	79	80	84	75	80	84	78	73	63	73	73	80	65	73	72	80	77	81	84	86	76.5
	MIN	47	47	58	67	68	63	55	49	52	43	40	49	56	55	60	63	63	66	58	51	54	55	54	47	44	51	52	54	50	58	61	54.5
RANTOUL CHANUTE AF	MAX	76	79	88	88	90	90	65	73	70	68	70	83	85	84	83	77	86	80	71	57	71	68	75	64	62	64	76	70	73	75	84	75.6
	MIN	53	48	54	62	64	52	48	43	52	44	37	52	53	60	56	60	60	61	47	45	53	57	55	50	44	45	50	48	47	51	60	52.0
ROBERTS 3 N	MAX	76	82	90	89	90	89	73	72	70	59	68	80	85	83	81	75	85	80	74	56	70	67	73	67	62	63	68	67	72	76	84	75.0
	MIN	55	46	53	61	63	60	46	39	52	42	32	49	52	56	49	59	58	60	50	43	50	56	51	50	42	40	49	41	41	46	55	49.8
ROCKFORD	MAX	70	78	89	90	93	89	69	71	67	64	77	78	87	83	70	73	83	80	80	60	58	70	70	59	68		69	72	78	83	90	75.9
	MIN	57	56	52	67	70	63	49	38	52	36	33	47	49	56	47	55	63	66	46	44	43	51	46	40	39		45	36	40	48	57	49.7
ROCKFORD CAA	MAX	69	74	88	88	90	80	69	68	63	62	71	80	85	73	68	73	86	81	72	59	57	70	70	60	68	67	67	70	76	81	86	73.3
	MIN	51	48	49	68	71	54	42	36	42	36	32	47	48	50	47	55	63	65	45	44	43	51	46	42	40	37	43	37	40	49	56	47.5
RUSHVILLE	MAX	72	80	88	89	91	88	78	71	68	68	72	79	82	85	77	82	84	79	77	67	76	76	82	76	73	69	77	78	79	84	88	78.5
	MIN	52	44	56	64	64	63	56	48	55	43	39	52	54	55	58	62	61	65	62	48	52	50	51	51	41	48	49	50	53	56	58	53.5
SPARTA	MAX	79	85	89	89	90	90	85	78	75	74	69	79	86	87	83	85	87	86	82	75	76	72	82	78	73	72	68	78	77	80	88	80.5
	MIN	57	50	59	60	62	63	55	50	57	52	43	43	55	57	60	62	60	65	66	57	56	61	54	56	43	55	49	50	53	58	60	55.7
SPRINGFIELD WB AIRPORT	MAX	77	80	89	88	90	88	71	74	76	68	71	80	83	86	81	84	86	79	72	61	73	71	80	66	72	68	74	74	78	81	86	77.6
	MIN	49	48	59	67	64	58	51	46	53	45	37	51	54	58	58	63	65	68	58	48	53	54	53	46	43	48	51	50	49	54	59	53.5
SPRINGFIELD WB CITY	MAX	78	82	91	90	92	91	72	76	78	70	71	81	85	88	81	86	88	80	72	63	75	71	81	68	73	69	77	75	78	83	88	79.1
	MIN	55	52	59	67	67	62	52	47	55	46	41	56	57	62	64	64	66	70	59	49	55	55	58	52	48	49	53	52	52	57	61	56.2
STOCKTON	MAX	67	73	87	87	90	87	67	65	64	63	68	78	83	79	71	74	82	79	74	57	57	69	70	67	70	66	65	68	76	81	85	73.2
	MIN	54	45	56	66	68	63	42	34	50	33	36	51	54	55	47	53	61	65	46	42	40	47	48	43	44	39	44	36	43	49	61	48.9
SYCAMORE	MAX	70	75	88	89	92	85	66	71	58	60	70	80	86	82	73	73	86	81	78	58	60	69	72	67	58	66	66	71	71	82	86	74.2
	MIN	55	45	51	66	66	65	46	35	49	35	30	47	44	48	45	55	62	64	42	42	43	52	41	43	37	36	45	35	37	49	54	47.2
TABLE GROVE	MAX	72	77	87	89	91	87	72	71	70	67	72	82	82	85	74	80	84	80	74	60	76	70	79	72	73	68	77	75	78	83	87	77.2
	MIN	57	47	58	65	67	64	55	46	53	42	39	53	57	59	56	63	63	67	60	47	51	52	55	51	44	47	51	50	48	53	58	54.1
TUSCOLA	MAX	78	79	86	87	88	90	85	76	76	68	72	85	82	87	89	84	85	82	78	70	72	70	76	74	68	59	76	73	74	80	86	78.9
	MIN	58	48	48	59	58	62	49	45	58	48	37	49	53	56	57	62	61	61	64	48	54	56	54	56	41	41	48	51	48	51	57	52.8
URBANA	MAX	76	80	87	89	91	91	86	75	74	69	72	85	84	86	84	79	86	82	77	59	72	70	73	67	67	64	73	71	73	77	86	77.6
	MIN	57	49	55	60	64	63	48	46	58	46	38	53	54	62	60	62	64	62	58	45	54	59	55	54	40	45	48	47	46	52	58	53.6
VIRDEN	MAX	77	82	88	88	90	89	81	75	75	69	71	76	84	85	80	82	84	81	78	70	74	71	80	71	73	69	77	75	77	81	85	78.6
	MIN	57	47	54	62	65	63	51	47	57	45	39	47	53	55	58	60	61	65	63	49	53	54	54	54	42	47	48	49	49	55	57	53.5
WALNUT	MAX	70	76	90	90	93	84	83	73	62	65	74	84	88	83	76	77	84	81	76	56	65	70	74	73	72	68	72	73	77	83	88	76.8
	MIN	55	46	55	68	68	67	48	43	51	37	35	52	52	57	47	59	63	67	49	44	47	52	50	48	45	42	48	41	45	52	62	51.5
WATSEKA	MAX	76	77	87	89	90	91	82	74	71	67	68	83	86	84	85	73	84	80	79	57	68	67	75	66	64	63	70	68	74	79	85	76.2
	MIN	56	46	50	62	61	62	46	42	53	43	33	49	47	57	49	59	61	65	48	44	51	58	50	48	38	41	48	38	38	47	51	49.7
WAUKEGAN	MAX	70	74	88	89	91	84	58	63	55	53	58	69	85	74	61	75	80	81	71	53	54	68	72	61	65	64	58	57	71	75	77	69.5
	MIN	50	46	53	67	65	49	45	35	43	38	30	41	41	48	44	47	55	59	39	41	40	47	49	43	36	33	44	36	36	46	50	45.0
WHITE HALL 1 E	MAX	75	81	89	89	90	88	*86	72	71	67	71	81	84	87	83	85	85	81	80		73	73	81	75	74	71	76	75	77	81	85	79.5
	MIN	57	45	53	62	61	61	53	49	55	47	40	45	53	53	56	61	62	66	63	51	54	57	52	54	40	52	48	51	52	58	58	53.8
WINDSOR	MAX	77	81	86	88	88	91	83	76	81	67	78	79	83	86	85	83	85	81	75	70	76	72	78	73	69	67	75	73	75	79	85	78.9
	MIN	55	45	52	60	58	64	48	43	58	48	36	48	52	56	58	61	60	63	65	49	51	55	54	52		46	46	48	45	53	53	52.7

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- \- No record.
- \+ And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record
- R Station equipped with recording gage only.
- S Storage precipitation stations. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARRY	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	MATTHEW W DART	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	2 3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA	0873	BUREAU	1	41 13	89 37	795		MID	CAA	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 43	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 3 N	1386	MARION	2	38 34	89 08	498		6P	H G STEPHENSON JR	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN ISL	1420	GRUNDY	1	41 25	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	3
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PL	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON	1743	DE WITT	1	40 09	88 58	746		6P	CHARLES T SPRAGUE	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36			7A	BEN BURT	3
DANVILLE WATER WORKS	2150	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	3 4
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	FRANK E GORHAM	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	CAA	2 3 4 5
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 26	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 32	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	A C MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3381	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 40	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 02	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 51	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	JAMES R HUNTER	2 3 5
HARRISBURG HIWAY 13 BR	3884	SALINE	5	37 44	88 30			6A	J S NELSON	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L L KUTENEUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	IRVING R STROH	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 41	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	5P	5P	JOSEPH A ARNOLD	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56		6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	MR BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY R LUEBHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		7A	FRANK BRAY	3
LE ROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05			MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC LANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	CHARLES H GRADY	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	7	39 23	87 43	606		6P	E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	HARRY L AGNEW	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	4	40 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	GEORGE ALLEN	3
MORRIS	5820	PIATT	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 29	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	658	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 33	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	6	42 01	89 20	702		6P	LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 21	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	CLINTON HOLLIS	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	MRS WALDO W GODEIR	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 39	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA	7072	ADAMS	4	39 56	91 13		MID	MID	CAA	3 4 5
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 25			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 20	88 10	744	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PEG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE MISSION HSE	7603	JASPER	7	38 56	88 01			7A	J DE PALMA	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8147	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 19	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 1 N	8604	BUREAU	1	41 18	89 30	512		6P	CHARLES PLASSCHEART	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT HOLE	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 64	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 33	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 45	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	88 35			7A	ROBERT W SANDERS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	88 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753	6P	6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5

‡ - DRAINAGE CODE: 1 Illinois, 2 Kaskaskia; 3 Lake Michigan, 4 Mississippi; 5 Ohio; 6 Rock; 7 Wabash

See reference notes following Table 5.

10-26 GPO CH 450 7-8 49 1 200

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CLIMATOLOGICAL DATA

ILLINOIS

JUNE 1949

Volume LIV No. 6

CHICAGO: 1949

ILLINOIS - JUNE 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

The month averaged considerably warmer and a little wetter than normal for June. Mean temperatures ranged from near normal at a few extreme southern localities to several degrees above normal over most of the remainder of the State. Rainfall totaled somewhat under the June average for a large part of northern and central Illinois but was above normal in most areas elsewhere. Sunshine averaged near normal for the month in the north and central portions but was deficient in the extreme south. On June 13 lightning set off dynamite in a limestone mine near Valmeyer, killing two workmen and seriously injuring another. On the 23d high winds and hail hit Morgan County, damaging several buildings, blowing down many trees, and injuring growing crops; property damage and crop loss estimated at $100,000.

Temperatures generally were well above the seasonal average for the first week of June. A cool spell moved into the State on the 7th and most stations recorded their lowest temperatures of the month on the 8th. On the morning of the 8th temperatures dropped to the 30's near the Wisconsin border and to the 40's over the remainder of the north and most of the central portion. Temperatures were above normal from the 10th through the 13th, followed by a few days of cooler weather. A prolonged warm spell began on the 17-18th, continuing through the remainder of June. Temperatures often reached the 90's during this period, especially in the last week of the month.

Scattered showers fell during the first few days of the month, some localities receiving an inch or more of rain during this period. Dry weather prevailed after the 4th until the 10th in the central and southern portions and until the 13th in the extreme north. From the 13th through the 15th showers were frequent and often heavy, amounts of one to two inches and more being recorded at many stations in a 24-hour period. Except for showers in scattered central and southern localities, dry conditions prevailed from the 16th to the 21st, when another period of frequent showers began which lasted until the 29th. Many heavy amounts were recorded in this period, especially after the 22d. Some northern localities over limited areas received insufficient rainfall to properly care for crops.

Crop prospects were much above normal at the end of June. Corn planting was completed early in the month, and the crop averaged over three feet in height as the month ended. Soybeans were all planted by mid-June and were making good progress. Harvesting of the largest winter wheat crop since 1931 was well under way at the end of the month. Commercial fruit prospects were good.

TEMPERATURE

The mean temperature for the State was 74.7°, which is 2.5° above normal for the month. The monthly mean temperatures ranged from 69.9° at Waukegan to 78° at Cairo. The highest temperature recorded in the State was 104° at Harrisburg on the 30th, and the lowest was 34° at Marengo on the 8th.

PRECIPITATION

The average precipitation for the State was 4.19 inches, which is 0.17 inch above normal for June. The total amounts recorded at various stations ranged from 8.30 inches at Fairfield to 1.71 inches at Virden. The heaviest rainfall reported in any one day was 4.87 inches at Grafton on the 27th.

ACKNOWLEDGMENT

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible	
CAIRO	30.20	10	29.65	24	7.0	30	W	26	-	-	-	-	69	0
CHICAGO AIRPORT	30.32	9	29.54	25	7.8	26	S	23	78	78	52	56	70	16
JOLIET AIRPORT	30.30	9	29.56	25	9.1	-	-	-	86	83	54	59	-	19
MOLINE AIRPORT	30.27	9	29.55	25	7.5	40	NE	23	79	84	56	54	70	6
PEORIA AIRPORT	30.28	9	29.54	25	9.2	30	NW	28	77	82	57	58	64	3
SPRINGFIELD AIRPORT	30.23	9	29.56	25	9.6	30	E	2	82	87	59	60	77	1

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	75.4	104	40	4.82	0.0	9
1891	72.0	102	41	3.90	0.0	12
1892	71.8	105	43	5.66	0.0	12
1893	72.2	99	42	3.34	0.0	8
1894	74.8	103	31	2.24	0.0	7
1895	74.7	103	39	2.68	0.0	7
1896	71.8	100	39	4.10	0.0	10
1897	71.3	102	34	4.58	0.0	10
1898	73.8	97	41	4.27	0.0	10
1899	73.5	100	37	2.73	0.0	8
1900	71.8	95	39	4.45	0.0	9
1901	74.9	105	32	3.48	0.0	9
1902	69.6	101	38	8.20	0.0	14
1903	66.4	95	31	2.93	0.0	9
1904	69.6	96	39	3.09	0.0	9
1905	71.9	104	38	3.36	0.0	6
1906	70.6	99	39	3.25	0.0	9
1907	68.5	97	37	4.49	0.0	11
1908	70.8	100	36	2.80	0.0	9
1909	72.2	98	39	4.18	0.0	10
1910	70.1	101	32	2.27	T	6
1911	75.8	106	41	2.80	0.0	8
1912	68.6	96	34	3.27	0.0	9
1913	74.2	106	33	2.47	0.0	6
1914	75.8	105	37	2.59	0.0	7
1915	68.7	95	36	4.81	0.0	12
1916	67.2	97	43	5.46	0.0	12
1917	68.7	99	34	5.47	0.0	10
1918	72.3	105	38	3.50	0.0	8
1919	75.1	96	44	4.64	0.0	10
1920	72.1	97	37	2.17	0.0	6
1921	76.7	100	37	3.75	0.0	11
1922	74.1	101	38	1.49	0.0	5
1923	73.2	103	40	3.49	0.0	9
1924	70.2	98	35	6.85	0.0	15
1925	74.9	102	40	4.93	0.0	10
1926	68.5	103	37	4.23	0.0	9
1927	68.1	102	39	3.91	0.0	9
1928	66.9	93	35	7.16	0.0	15
1929	69.5	98	32	4.78	0.0	9
1930	71.9	104	37	3.36	0.0	9
1931	75.5	107	37	3.19	0.0	7
1932	74.0	102	41	4.08	0.0	10
1933	78.2	106	37	1.48	0.0	4
1934	79.0	108	45	3.01	0.0	10
1935	68.4	93	36	5.90	T	15
1936	72.8	106	38	1.66	0.0	6
1937	71.7	102	37	5.05	0.0	12
1938	70.6	95	44	5.23	0.0	11
1939	73.6	99	38	5.13	0.0	12
1940	73.2	98	37	2.93	0.0	8
1941	73.4	103	40	4.30	0.0	11
1942	72.4	99	40	5.44	0.0	14
1943	75.1	99	39	3.84	0.0	11
1944	76.0	106	35	2.42	0.0	7
1945	68.4	97	32	6.65	0.0	15
1946	72.3	100	34	4.40	0.0	8
1947	69.7	98	37	6.31	0.0	13
1948	71.9	100	39	3.93	0.0	13
1949	74.7	104	34	4.19	T	10
PERIOD	72.2	108	31	4.02	T	10

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- \- No record.
- \+ And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record
- R Station equipped with recording gage only.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

Table 2

CLIMATOLOGICAL DATA

Station	Temperature						No. of days		Precipitation				Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	74.3	3.6	94	30	45	8	5	0	7.55	3.18	2.44	14	0	0		8	7	3
ANTIOCH	71.1	3.6	90	11	39	8	2	0	5.08	1.60	1.68	14	0	0		5	5	2
AURORA COLLEGE	72.8	4.6	96	24	42	8	5	0	3.31	- .83	1.53	15	0	0		9	4	1
CHICAGO UNIVERSITY	72.2	4.9	90	28	52	7	1	0	4.55	1.25	2.26	14	0	0		9	4	1
CHICAGO WB AIRPORT	74.0	5.9	95	30	50	8	8	0	3.65	.17	2.58	14	0	0		7	4	1
CHICAGO WB CITY	73.5	5.3	93	28	52	7	3	0	4.69	1.21	3.39	14	0	0		6	4	1
CICERO	74.4	5.1	94	28	49	8	10	0	5.17	1.57	2.37	15	0	0		6	4	2
DIXON	73.8	4.3	94	30	42	8	7	0	4.96	.87	1.47	13	0	0		10	5	2
FREEPORT	72.0	4.0	92	30	37	8	5	0	4.14	- .05	1.20	13	0	0		8	5	2
GALESBURG	74.7		94	30	48	8	4	0	6.80	2.99	2.01	14	0	0		10	6	3
GALVA	74.0	3.4	95	30	43	8	5	0	4.02	.02	1.42	25	0	0		8	4	2
HENRY	75.2	3.9	95	30	43	8	10	0	3.94	.22	1.69	14	0	0		7	3	2
JOLIET WB AIRPORT	73.2	5.4	96	27	40	8	9	0	3.34	- .52	2.14	14	0	0		8	2	1
KANKAKEE	73.7	3.8	95	30	44	8	4	0	3.90	.28	1.49	3	0	0		10	5	1
KANKAKEE 4 W	72.8		92	30	43	8	3	0	2.57	- 1.03	.54	15	0	0		10	4	0
KEWANEE	72.5M	2.0	94	30	40	8	3	0	3.35	- .53	1.40	13	0	0		6	3	2
LA SALLE	76.4	5.1	98	30	43	8	17	0	3.19	- .38	1.01	13	0	0		11	4	1
MARENGO	73.0	5.3	96	11	34	8	12	0	5.31	1.29	2.00	14	0	0		9	4	3
MINONK	73.5	2.8	92	28	41	8	5	0	6.19	2.64	2.03	29	0	0		10	6	2
MOLINE WB AIRPORT	73.6	4.3	96	30	44	8	5	0	5.45	1.34	1.97	14	0	0		9	6	2
MONMOUTH	74.0	3.0	94	30	46	8	3	0	5.76	1.18	1.41	25	0	0		12	6	3
MORRIS 3 NE	74.0	4.3	94	30	38	8	8	0	3.52	.22	2.00	15	0	0		7	4	1
MORRISON	73.3	3.6	97	30	40	8	11	0	3.20	- 1.09	.85	25	0	0		8	4	0
MOUNT CARROLL	72.6	4.1	93	30	38	8	6	0	5.60	1.17	1.74	13	0	0		9	6	1
OTTAWA	75.1	4.2	96	30	42	8	12	0	2.65	- .70	.66	13	0	0		10	5	0
PONTIAC	73.6	1.7	91	28	45	8	2	0	4.71	1.48	1.63	15	0	0		11	6	2
ROCKFORD	73.9	5.1	94	30	40	8	9	0	5.29	1.17	1.30	14	0	0		9	5	3
ROCKFORD CAA	72.5	5.4	92	30	40	8	6	0	5.10	.99	1.14	14	0	0		9	6	2
STOCKTON	71.4		92	30	38	8	3	0	5.52	1.29	1.59	14	0	0		11	7	2
SYCAMORE	72.7	4.5	95	30	47	9	7	0	6.48	2.48	2.65	14	0	0		9	5	2
WALNUT	75.4	4.5	96	30	45	8	10	0	3.85	.02	1.98	25	0	0		8	3	2
WAUKEGAN	69.9	4.0	90	20	37	8	1	0	4.52	1.37	1.86	14	0	0		7	4	3
DIVISION	73.4	4.2							4.60	.59								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	75.2	3.1	95	30	44	8	7	0	5.39	1.28	2.22	15	0	0		9	4	2
CARLINVILLE 4E	74.9	2.0	96	27	51	8	7	0	3.72	- .44	1.70	28	0	0		13	3	1
CHARLESTON	75.3M	2.6	96	31			.10	0										
DANVILLE	74.3	3.9	99	28	45	8	8	0	2.92	- .70	1.01	21	0	0		12	4	1
DECATUR	75.6	3.0	96	28	48	8	12	0	2.96	- .63	.80	15	0	0		11	5	0
EFFINGHAM CAA	74.3	2.5	93	30	49	8	5	0	4.59	.12	1.03	10	0	0		13	7	1
GRIGGSVILLE	73.9M	0.7	96	30	47	8	0	0	5.20	.87	1.82	1	0	0		10	6	1
HAVANA	75.8	3.2	99	30	47	8	9	0	1.90	- 2.00	.59	14	0	0		10	3	0
HILLSBORO	74.6	1.5	94	30	51	8	5	0	3.93	- .16	1.16	15	0	0		14	3	3
HOOPESTON	73.9	2.7	95	28	44	8	8	0	2.98	- .92	2.24	26	0	0		7	2	1
JACKSONVILLE	75.9	3.6	98	30	50	8	11	0	5.08	1.11	1.77	14	0	0		9	8	1
LA HARPE	75.0	3.8	95	30	47	8	7	0	6.26	1.59	1.09	2	0	0		11	8	3
LINCOLN	76.0	4.1	96	30	48	8	11	0	3.02	- .80	1.34	15	0	0		8	5	1
MATTOON	74.2		94	28	48	8	7	0	2.47	- 1.63	.78	10	0	0		10	3	0
MORRISONVILLE 1 E	73.4	1.5	96	27	45	8	8	0	2.18	- 1.91	.84	28	0	0		8	3	0
NEWTON	77.1	4.9	96	30	50	8	13	0	3.77	- .49	1.58	10	0	0		8	4	1
PALESTINE	75.9	2.0	95	29	50	9	13	0	4.00	.02	1.40	29	0	0		13	5	1
PANA	76.4	3.8	100	30	48	8	16	0	2.66	- 1.47	1.28	15	0	0		8	3	1
PARIS WATER WORKS	75.0	2.9	95	28	49	8	7	0	3.84	- .35	.90	15	0	0		13	7	0
PEORIA WB AIRPORT	74.7	4.3	95	30	48	8	5	0	3.25	- .52	1.13	14	0	0		10	3	1
QUINCY	76.3	2.8	100	30	53	8	10	0	5.10	.61	1.86	2	0	0		13	7	1
QUINCY CAA	74.4		94	30	51	8	7	0	4.70	.22	1.52	2	0	0		10	6	2
RANTOUL CHANUTE AF	74.5		95	28	48	8	8	0	2.50	- 1.30	.73	28	0	0		9	5	0
ROBERTS 3 N	73.1M	2.7	93	28	41	8	0	0	2.65	- .57	1.45	15	0	0		5	3	1
RUSHVILLE	74.8	2.5	96	30	49	8	7	0	2.75	- 1.12	.92	23	0	0		10	5	0
SPRINGFIELD WB AIRPORT	74.8	5.2	95	30	49	8	6	0	3.10	- .96	1.43	14	0	0		9	2	1
SPRINGFIELD WB CITY	76.8	4.6	97	30	50	8	8	0	2.73	- 1.33	1.71	14	0	0		10	2	1
TABLE GROVE	75.2	3.2	95	30	47	8	5	0	4.11	.03	.99	26	0	0		12	6	0
TUSCOLA	75.3		96	30	48	8	7	0	3.55	- .50	1.33	10	0	0		9	6	1
URBANA	74.8	3.9	95	28	48	8	6	0	4.57	.70	1.08	26	0	0		12	6	2
VIRDEN	75.0		97	30	48	8	7	0	1.71	- 2.24	.41	15	0	0		10	2	0
WATSEKA	73.8		95	30	43	8	9	0	3.17	- .45	1.30	15	0	0		10	4	1
WHITE HALL 1 E	75.5	2.6	96	30	51	8	8	0	5.29	1.35	1.05	15	0	0		10	7	3
WINDSOR	74.5M	2.4	95	28	46	8	9	0	2.99	- 1.25	.79	15	0	0		8	5	0
DIVISION	75.0	3.1							3.61	- .45								
SOUTHERN DIVISION																		
ALTON DAM 26	76.8M		89	30	53	8	12	0	6.49	2.53	3.33	27	0	0		11	4	3
ANNA	75.1	- 0.0	94	30	55	16	3	0	4.71	.49	1.19	27	0	0		14	7	1
BELLEVILLE SCOTT AF	76.3		95	30	55	8	5	0	3.75	- .15	.96	14	0	0		11	4	0
CAIRO WB CITY	78.0	0.7	94	26	60	16	8	0	5.55	1.72	1.10	18	0	0		13	8	1
CARBONDALE SEWAGE PL	75.6	0.5	94	29	51	17	6	0	3.54	- .55	.97	27	0	0		13	4	0
CARLYLE	75.8	2.2	94	1	55	16	10	0	4.11	.01	1.34	26	0	0		13	5	2
DU QUOIN	76.3	1.4	95	28	56	16	6	0	5.79	1.81	1.90	11	T			11	5	3
EAST ST LOUIS	77.5	2.1	98	30	57	8	12	0	3.20	- .50	.99	14	0	0		10	4	0
ELIZABETHTOWN	76.2		93	28	58	9	6	0	3.28	- .51	1.12	27	0	0		11	4	1
FAIRFIELD	74.4M	- 0.1	91	28	52	6	4	0	8.30	4.28	1.75	28	0	0		15	8	3
FLORA	75.1	1.6	94	28	52	8	10	0	7.01	3.13	1.95	27	0	0		12	6	3
GOLCONDA DAM 51	74.7	- 0.0	92	3	55	16	5	0	6.21	2.36	1.28	19	0	0		13	6	3
GREENVILLE	74.7	1.3	92	30	52	8	2	0	3.05	- 1.15	.82	15	0	0		13	3	0
HARRISBURG	77.7M	2.1	104	30	55	9	15	0	2.41	- 1.48	.40	15	0	0		11	6	0
MC LEANSBORO	77.0	2.4	95	30	57	9	11	0	3.90	.08	.80	12	0	0		9	5	0
MT CARMEL	77.4	2.7	97	28	55	9	12	0	4.81	.55	1.16	15	0	0		12	7	1
MT VERNON	74.8	0.4	96	30	53	8	15	0	4.74	.60	1.51	15	0	0		10	6	1
NEW BURNSIDE	74.1	- 0.3	94	28	53	9	3	0	4.20	.07	1.24	13	0	0		15	5	2
OLNEY	75.9	2.2	94	26	55	8	9	0	3.64	- .16	1.23	27	0	0		12	5	1
SPARTA	76.0	1.3	95	30	56	9	5	0	5.91	2.31	1.43	26	0	0		12	10	1
DIVISION	76.0	1.2							4.73	.78								
STATE	74.7	2.5							4.19	.17								

See reference notes following Station Index.

Table 2

CLIMATOLOGICAL DATA

Station	Temperature						No. of days		Precipitation				Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground	Date	01 or more	25 or more	100 or more
DELAYED DATA																		
DECEMBER 1948																		
SOUTHERN DIVISION																		
ALTON DAM 26	36.4		72	15		26		25	2.03	- .02	.06	24+	6.0	6	24	8	3	
NORTHERN DIVISION																		
KANKAKEE 4 W	30.4		59	5	2	26		28	3.64	1.76	.99	15	6.7	5	19	10	6	
CENTRAL DIVISION																		
SPRINGFIELD WB CITY	35.0	3.3	72	15	7	26		24	1.98	- .20	.70	28	2.4	1.9	24	11	3	
JANUARY 1949																		
ROBERTS 3 N	29.9	4.1	62	15	- 3	30		25	4.52	2.47	1.01	18	T	T	11+	11	7	1
FEBRUARY 1949																		
SOUTHERN DIVISION																		
CARBONDALE SEWAGE PL	41.0	3.7	68	15	9	1		20	3.21	.68	1.53	13				7	3	2
NORTHERN DIVISION																		
KEWANEE	25.7	-0.3	53	18	- 7	5		27	1.77	.24	.65	12	6.0	6	3+	5	4	
MARCH 1949																		
KEWANEE	39.2	1.2	75	29	8	1		4	2.74	.12	1.00	26	1.0			6	3	1
APRIL 1949																		
AURORA COLLEGE	34.3	-0.8	76	13+	22	16		11	1.01	-1.70	.50	15	0.2	T	5	9	2	
KEWANEE	50.0	0.3	78	25	22	16		11	1.14	-1.87	.38	15				4	3	
MAY 1949																		
FULTON DAM 13	73.8	3.6	89	5	38	11			1.11	-2.90	.64	22				6	1	
KEWANEE	61.9	0.5	90	5	34	11	1		1.52	-2.65	.52	23				7	2	

CORRECTIONS

MONTH: DECEMBER, 1948

Table 2 Rushville, total precipitation 1.92; departure +.21; greatest day .62 on the 28th; days .01 or more 8; days of .25 or more 3.

Table 3 Rushville add 0 on the 19th; monthly total 1.92.
Camp Ellis, delete no record period on the 18th, 19th, 23rd and 24th. Add .07 on 18th; .05 on 23rd; .07 on 24th; total 1.86.
Springfield WB City, delete amounts shown, add .28 on 5th; .02 on 9th; .09 on 12th; .40 on 14th; .15 on 15th; .01 on 18th; .03 on 19th; .05 on 23rd; .21 on 24th; .70 on 28th; .04 on 29th; total 1.98.

Table 4 Camp Ellis, delete no record period on the 18th, 19th, 23rd and 24th. Add, on the 18th .02 at 2 PM; .02 at 3PM; .01 at 6 PM; .01 at 7 PM; .01 at 8 PM; total .07. On the 23rd .02 at 10 PM; .02 at 11 PM; .01 at midnight; total .05. On the 24th .01 at 1 AM; .01 at 3 AM; .01 at 4 AM; .01 at 5 AM; .02 at 6 AM; .01 at 7 AM; total .07.

MONTH: JANUARY, 1949

Table 2 Roberts, mean temperature 29.9; departure +4.1; highest temperature 62 on the 15th; lowest temperature -3 on the 30th; minimum temperature days of 32° or below 25.
Tuscola, precipitation departure +5.57.

MONTH: FEBRUARY, 1949

Table 3 Hutsonville, delete no record period on the 27th. Add, total .25.

Table 4 Hutsonville, delete no record period on the 27th. Add, on the 27th .06 at 4 PM; .01 at 5PM; .10 at 6 PM; .03 at 7 PM; .05 at 8 PM; total .25.

MONTH: MAY, 1949

Table 2 Henry, lowest temperature 34° on 11th.

See reference notes following Station Index

Table 3

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION				.29							.70	.49	.27	.25	.41		.21	.06		.16				.62		.51			.29			4.26
ALEDO	T	.68											.08	2.44							.50		.73	1.39	1.17	T		.56				7.55
ALEXIS WATER WORKS R		.72											*	2.35							.28	.06	1.17	1.73	.55			-	-	-		-
ALTON DAM 26	1.30	.25		.02			.01			.02	.08	.09	T	.19	.05						T						3.33		1.15			6.49
ANNA	.79			.64	T		.18			.19	.01	.02	.14	.14	.37			.03			.27			.38		.36	1.19					4.71
ANTIOCH													.85	1.68	1.40									T	.87			.28				5.08
AURORA COLLEGE			.44	.01									.35	.62	1.53						.02	.01			.17			.16				3.31
BARRY	.57	1.19		.13		T		T		T		T	.68	.71	.40						.29		1.75	.51	.03	.16	.02					6.44
BEARDSTOWN	.20	.14	.43										T	.50	.48									1.41	T		.36	T				3.52
BEARDSTOWN LGRNG DAM R //	.60	.55											.70	.60									.36			.14	.07					3.02
BELLEVILLE SCOTT AF Z	.95	T		T		.01				.18	.02	.22	.04	.96							.75			.01		.60		.01				3.75
BELVIDERE SEWAGE PLANT R		.20										.02	2.88	1.42	.03						.04			.20	.28	.64	.50	.60				6.81
BENTLEY	.21	1.54						T		T	T		.74	1.56							.44	.26	.27	.55	.07	.12		.16				5.92
BENTON										.02	.22	.33	.15		1.35									.27		.62		.05				3.01
BLOOMINGTON NORMAL			.03								.01		.05	.49	2.22						.01		T		.59	T	.03		1.96			5.39
BLUFFS	.85	.58	.03								.14		.75	.99	.41						.58		.08	.03		.68	.11	.05				5.08
BRADFORD CAA		.04	T			T					T	.10	.34	2.34							T		.09	.09	.76			T				3.76
BROOKPORT DAM 52		.01								.45	.07	T	.04	.52	.72	.08		.83	.04						.26		1.24	.03				4.29
CAIRO WB CITY W	.35		T	.54		T				.93	T	.64	.47	.15	.18		T	1.10			.48			.05	T	.53	.05	.08	T			5.55
CAMP ELLIS R		.25								.16			.49	.32							.05	.12	.37		1.62	.08		-				-
CANTON	.02	.22	T			T					T		.54	1.20	.02						.06	.21	.08		.40	.35		.12				3.22
CARBONDALE SEWAGE PL		.23				T			.02		.02	.04	.61	.03	.95		.05					.10		.30			.97	.10	.12			3.54
CARLINVILLE 4 E	.07	.18	.10	T		T				.56	T	.07	.11	.02	.73						.10		.06		.01		1.70	.01				3.72
CARLYLE	.06									.16	.30	.10	.02	.01	1.33						.32			.06		1.34	.04	.28	.09			4.11
CARMI				T							.90	.58	.35	.20	.49		.22	.06	T					.13		.72	.07	.20	.16			4.08
CARPENTER 1 SW R	.45											.90	.08	.29							.35					1.40	1.08	1.98				6.53
CASEY				.13						2.25	.15	.08	.08	.15	.76		.38							.14		.24		.27	.75			5.38
CENTRALIA 4 W	.05			.81						T	T	.64	.05		.94			.02			.05			T		.94	.19	.05				3.74
CHANDLERVILLE	.10	.50					.05						.95	.75	.23								.18	.20		1.20						4.16
CHANNAHON DRESDEN ISLD			.32											.36	2.05									T	.07			.42	.06			3.28
CHARLESTON				.20			.32			-	-	.14	.35	.24	.52		.06		T	.05				.04		.37		.40	2.50			-
CHENOA													.56	1.44	.24								T	.40	.20	.05		.03	.05			2.97
CHESTER		.53								.11	.23		.10	.80	.60					.34					.10		.70	.23				3.74
CHICAGO CAL TREAT WKS R			.06									.01	.20	1.24	.32										.28			.06				2.17
CHICAGO HEIGHTS			T								T		.61	.13	.83	.08					.02		T	T	T			.35	T			2.02
CHICAGO LOYOLA UNIV R			.18										.62	3.49	.13						.01				.88							5.31
CHICAGO N BRA PUMP STA R			.15								.01		.61	4.30	.14						.01				1.18			.04				6.44
CHICAGO SAN DIST DISP R			.12										.41	2.89	.20										.39							4.01
CHICAGO UNIVERSITY W			.94								.57	.04	.11	2.26	.29		T				T		T		.14	.17		.03				4.55
CHICAGO WB AIRPORT R			.25										.39	2.58	.16		T				T		T	T	.25	T		.01	.01			3.65
CHICAGO WB CITY R			.07										.37	3.39	.31						T		.01	T	.54	T		T				4.69
CHILLICOTHE		.01											2.47	1.21	.34						.02		.10	T	.65	.03		.01	.14			4.98
CICERO			.32								T		.13	1.33	2.37			T			T		T		.99	T		.03				5.17
CISNE BROWN CAMP R					.02					.02	.15	.09		.09	.85		.64	.03	.23	.02						.54		1.48				4.32
CLINTON 1 S		T					T			T			T	.33	.89		T				.10		T			T		1.09	1.73			4.14
COLLINSVILLE R	1.00				.05						.10		.25	.05	2.10					.40						.15						4.10
COULTERVILLE R	1.53					.12				.30	1.57	.30	.16	.22	.59			.10	.02					.17	1.52							6.60
CRETE R			.03										.92	.33	.31													.69	.03			2.31
DANVILLE		T					.03			.02		.45	.02		.68	.02	.06				1.01				T	.09	.08	.07	.39			2.92
DANVILLE SEWAGE PLANT													.08	T	.66	.07	.09	.02				.39						.12		2.27		3.70
DECATUR		.05	T	T		T				.08		.68	.03	.34	.80		.04				.02		T	T		.07	.36	.49				2.96
DES PLAINES 1 NW			.61										.37	.58	3.85						.10				.12			.14	.03			5.80
DIONA R						.34				.55		.05	.08		.46		.13		.04					.10		.33	.06	1.15				3.29
DIXON		.01	.05										1.47	.86							.56		.20	.17	1.29	.08		.27				4.96
DOWNS 2 NE W			.60								.68		.24	1.73	.04										.38	.11		.42				4.20
DU QUOIN	.10					.02					1.90	.35	.20		1.15			.05			.15			.12		.40		1.35				5.79
DWIGHT						.04						.46	.58	.18	1.68									T		.68	.07		.05	.27			4.01
DWIGHT STATE REFORM R			.05			.05						.18	.53	2.14	.20										.07	.56	.05		.30	.05			4.18
EAST ST LOUIS	.62	.03				.01				.08	.69	.04	.37	.99							.15						.22		T			3.20
EDWARDSVILLE	1.11	.14	.06	T				T	.03	T	T	1.20	.17	.16	.52				T	.02						.12			.14	.53			4.20
EFFINGHAM CAA Z				.13		.26				1.03		.33	.21	.07	.25		.17		.34					.04		.79	.21	.76				4.59
ELGIN			1.33										.51	.14		3.83					.07		T	.12	.46			.54				7.00
ELIZABETHTOWN				T						.14	.08	T	.34	.14	.34		T	.64	T		.01			.14		.13	1.12	T	.20			3.28
ELSAH	.38	.80	.01							.20		.30	.05	.13	.01										2.07	.05	.23					4.23
EVANSTON PUMP STA R			.04										.44	3.39	.25						.01				.24							4.37
FAIRBURY WATER WORKS R //											.06	.28	2.17	.15			.01								.20							2.87
FAIRFIELD				.34		.03				.02	.67	.12	.07	.42	.53		.85	.11	.01					1.70		1.62		1.75	.96			8.30
FARMER CITY R		.13									.40	.14		.84	.12		.09								1.01			1.65				4.38
FLORA				.19							.18	.73	.10		1.52		.30	.13	.08					.06		.67	1.95		1.10			7.01
FREEPORT		.02											1.20	.48							.02		.20	.43	1.02		.77					4.14
FREEPORT SEWAGE PLANT R		T	.02											1.84	.21						.01			.69	1.10			1.18				5.05
GALATIA R				.10		.03				.20		.36	1.00	.25				.40	.15					.25				1.03				4.17
GALENA	.31	.32											3.30	.19							.15		*	1.45	1.25			.22				7.19
GALESBURG		.30					.16					T	1.26	2.01	.06						.32		.71	.23	1.67	T		.08				6.80
GALVA		.27											1.09	.72							.22	.04	.17		1.42			.09				4.02
GENESEO		.27	.34			.04							1.53	2.38	.01						.22		.29	.35	1.61			.09				7.13
GIBSON CITY		T	.02								.98	.06	.04	.10		1.48	T								T		.05	T	T			2.73
GLADSTONE DAM 18	.08	.90	.10									.10	T	1.44	.29						.46		.24	.60	.15			.22				4.58
GLENDALE EXP FARM R				.14						.76		.44	.38	.24	.15		.19	.03							.18	.34	1.00	.27				4.12
GOLCONDA DAM 51 Z		T			.10					.20	.24	.02	.03	.31	.43	.16		.08	1.28			T			1.16		1.28	.92	T			6.21
GOLDEN	.33	1.50												.49	.11						.33		.22	.06	.25	.34		.70				4.33
GRAFTON	.14	.25	1.00								.23	.06	T	.23	.15						.15	T					4.87		.22				7.30
GRAND TOWER 2 N	.97			.06						.04	.04	.65	.07		1.56						.97			.14	.01	.13	.29					4.93
GREENFIELD R	1.01	.63								.89	.01		.32	.72									.80	.03				.12				4.53
GREENUP				T		.66				1.58		.61	.09	.06	.51		.19			.12				.21		T	1.08	T	.92			6.03
GREENVILLE	.05									.11	.15	.12	.09	.02	.82		.01				.22					.13	.22	.81	.51	.01		3.05
GRIDLEY		T	.04									.02	.12	.42	2.05						T		.03	T	.66	.10		.04	.09			3.57
GRIGGSVILLE	1.82	.03	.05											.98	.75		.38					.06		.30			.08		.75			5.20
HARDIN	.35	.50	.11								.18		.33	.72	.05						.06		.78			.14	3.61	.41				7.24
HARRISBURG				.36		T				.09	.25	.27	.32	.13	.40			.03	.02		T		.20			.34						2.41
HARRISBURG HIWAY 13 BR					.83						.14		.10	.29	.30			T	.20	T					.55		.53	T				2.94
HAVANA	T	.26					.08				T		.40	.59	.10						.03		.24	.05	T	.10		.05				1.90
HAVANA NO 2			.25				.12							.35	.69								.17	.05			.04	.05				1.72
HENRY		T									T		1.41	1.69	.13								.13		.44	.02		.12				3.94
HILLSBORO	.04	.01								.16	.12	1.01	.01	.22	1.16		.01				.06					.04	.04	1.00	.05			3.93
HOOPESTON Z											T		.04	.04	.32	T	T				.10				2.24	.18	.06					2.98
HUDSON LK BLOOMINGTON W		.02	.05										.03	2.59							.01			.76	.20	.01		.24	.06			3.97
HUTSONVILLE R //						.06				1.38		.50	.20		.35	.21								.06		.96	.30	1.38				5.41
HUTSONVILLE POWER PLA							.33				1.59		.48	.31	.48	.04	.19	.08							.04		1.70		.73			5.98
ILLINOIS CITY DAM 16 Z	.01	.46	.13										.10	1.88	.27						.48		.10	1.38	.69			.46				5.96
JACKSONVILLE	.30	.60	T				.06						.34	1.77	.45								.48	.31				.77				5.08
JACKSONVILLE SEWAGE PL R	.24	.52											.45	2.29	.03								1.43	.05				1.29				6.30
JOLIET BRANDON RD DAM			.80											.41	1.73										.06			.13	.03			3.16
JOLIET WB AIRPORT			.04			.01							.23	2.14	.14						.01		T	T	.12			.65				3.34
KANKAKEE			1.49										.47	.46	.45						.11			.07	.22	.01	.15	.47				3.90
KANKAKEE 4 W			.09										.24	.40	.54		T	.31			.22		T	T	.10	.05	.40	.22				2.57
KANKAKEE SEWAGE PLANT R													.16	.42	.23				.20				.18		.14	.08		.32	-			-
KEITHSBURG	T	.50	.10										.18	.90	.50						.54		.12	.86	.74			.30				4.74
KEWANEE		T									T		1.40	.50							.08		.15	.02	1.20							3.35
KEWANEE BAKER PARK R		.18											.83	1.08							.10		.24	.03	1.00							3.46
KICKAPOO		.10												3.08	.32						.06			.17	1.02	.04						4.77
LA HARPE	.12	1.09									.02	T	.53	1.06							.37		.88	.44	.22	1.04		.49	T			6.26
LANARK R		.18	.01										2.15	.51							.10		.90	.13	.59	.67		.35				5.59
LA SALLE		T	T				.03				.02		1.01	.59	.67						.10		.20	.01	.50	T		.05	.01			3.19
LAWN RIDGE R		.05											1.22	.81							-	-	-	-	-							-

See reference notes following Station Index.

Table 3—Continued

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LAWRENCEVILLE 5 S				.31							1.10	.11	.20	.10	.34	.20	.29							.75		.22	.20		2.51			6.33
LE ROY			.20										.27	.02	2.06											.24	.57	2.06				5.42
LINCOLN		.05					T				T	.31	T	.30	1.34									.49		T	.09	.14	.30			3.02
LINCOLN NO 2			.04				T					.23	.04	.17	1.46									.05	.36		.08	T	.40			2.83
LOCKPORT LOCK AND DAM H			.43										.17	2.10	.16										.35			.13				3.34
LOCKPORT POWER HOUSE R			.49										.23	2.19	.14										.31			.13				3.49
LOUISVILLE R				.15						.14	.72	.59		.10	.95		.15							.78		.23	1.64					5.45
MACKINAW		.08	.61				.06					.46	.09	2.89									.11	.39	.53	.07		.16				5.45
MACOMB	.07	.92				.03	.05				T	T	.23	1.10	.01						.16		1.09	.07	1.56	.12		.57				5.98
MARENGO			.19										.52	2.00	.24						.03		.05	.05	1.15			1.08				5.31
MARIETTA R		.29											.68	.65							.04	.04	.42			.33	.15		.29				2.89
MARION	.20									.04	.80	.69	.09	T	.64			.03			.02			.34		.29	.19					3.33
MAROA H										.26	-	-	-	-	-									-	-	.07		1.22	.03			-
MARSEILLES LOCK								.08						.10	2.12						T				.06	.80	.02		.49	.15			3.82
MARSHALL 1 W				.06		.51				1.22	.03	.11	.06	.11	.68	.11	.37	1.40						T		.20	.22	.31	.77				6.16
MASCOUTAH	.86		T	T		T				.32	.28	.18	.03	.04	1.22		T							.62		1.68		T				5.23
MASON CITY R		.30											.16	1.82									.10	.07		.33		.27				3.05
MATTOON						.04				.78		.13	.28	.13	.63		.24		.03							.09		.12				2.47
MC HENRY R			.10									.07	.45	2.18	.15						.03			.23	.55	.02		.48				4.28
MC HENRY 2 S			.31										.35	2.03	1.87									.04	.10	.54			.42				5.66
MC LEANSBORO				T	.19						.56	.80	.09		.51			.16						.72		.72				.15			3.90
MEDORA	.84	.28	.14							.18	T	.04	.33	.20							.04		.15	.09		.07	T					2.36
MINONK			T										.45	.82	T	1.48					.25		.17	.10	.83	.06			2.03			6.19
MOLINE WB AIRPORT Z	T	.78											.07	1.97							.40	.01	1.22	.42	.40		M	.18				5.45
MONMOUTH		.94				T					.25	.15	.06	1.23							.38		1.08	.11	1.41	.02		.12	.01			5.76
MONTICELLO		.01								.13				.32	.83		.16									.16	.36		.48			2.45
MORRIS							.05							.37	2.10										.10			.37	.31			3.30
MORRIS 3 NE													.10	.43	2.00										.11			.28	.57			3.52
MORRISON		.18	T								T		.21	.80	T						.02		.47	.45	.85			.22				3.20
MORRISONVILLE R				.19						.35		.09		.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MORRISONVILLE 1 E	T	T	.02			T				.51	T	.10	.02	.07	.59		.03				T		T		T			.84				2.18
MT CARMEL										.08	.20	.45	.48	.42	1.16	.26			.20					.87	.05	.60			.04			4.81
MT CARMEL WATER WORKS R										.02	.23	.50	.37	.44	1.03	.17	.03							.64		.68		.05				4.16
MOUNT CARROLL		.22											1.74	.98	T						.22		.38	.51	.89	.14		.52				5.60
MOUNT OLIVE	.11	.01								.05	.64	.34	.11	T	.79						.06					T	.05	.23	.10			2.49
MOUNT PULASKI		.09				T				T	.18		.03	.08	.83						.08		.03	T		T		1.77				3.09
MOUNT STERLING	.34	.78								T			.29	.97	.09						.05		.38	.12		.10		T				3.12
MT VERNON				.19							.48	.76	.14		1.51									.41		.79	.09	.06	.31			4.74
MURPHYSBORO WTR WKS R//	.60					.05				.22	.16	.70	.16	.98	.56		.04	.04			1.03			.20		.70	.12	.07				5.63
NASHVILLE	.19			T	T	T		T	.07	T	T	.70	.17		.60	T		.06			.12			.11		.90	.06	.48	.07			3.53
NEWARK 7 E			T										.45	.25	1.72						.21		T		1.03			.05				3.71
NEW BOSTON DAM 17	T	.55	.12										.08	1.60	.71						.49		.16	1.35	.61			.36				6.03
NEW BOSTON 2 NW	.73										.11		T	2.69							.49	.12	1.43	1.05			.23					6.85
NEW BURNSIDE	T			.07		T				.17	.02	.31	1.24	.31	.23		T	.05	.01	T	.01			1.11	.02	.14	.19	.32				4.20
NEWTON Z										1.58	.39	.23		.10	.14	.20										.52	.61					3.77
OLNEY				T						.13	.12	.26	.05	.15	.47	T	.30		.21					.14		.37	1.23		.21			3.64
OREGON POWER PLANT Z		T	T										.43	.44	.13						.17		.31	.19	.73	.09		1.53				4.02
OTTAWA						.02							.66	.63	.58						.04		.10	.02	.25	T		.10	.23			2.65
PALESTINE							.23			.11	.04	.40		.11	.32	.07	.02	T							.14		.37	.60	1.40	.19		4.00
PANA							.61			.08		.15	T	.13	1.28		.02				T			T		T		.04	.35			2.66
PARIS WATER WORKS				.05						.60	.02	.40	.10		.90	.15	.25	.10	T		.45			T	T	.14		.43	.25			3.84
PAYSON	.63	1.38								T			.15	2.34							.35	.11	1.85	.06		1.31	.06		T			8.24
PEORIA LOCK AND DAM R//		.10										.08	.23	1.20							.10		.06		.62	.81						3.20
PEORIA WB AIRPORT R		.11	T			T					.22	.01	.92	1.13							T		.09	.17	.53	.06		.01				3.25
PEOTONE												.09		.90	.80						.16					.16		.59				2.70
PERU						T							.45	1.10	.74						.16			.20	.40			.03				3.08
PETERSBURG		.27					.02						.10	1.50	.40									.03	.17			.27				2.76
PIPER CITY H			.21			-						-	.12	1.51	.33		.09							.02	.20							-
PITTSFIELD WATER WORKS R	.46	.61	.10							.17			.54	1.64							.23		1.24	.08				1.22				6.29
PLEASANT HILL 2 E	1.35	.85	.23					.09		.03			.28	1.13	T						.45		1.32	.35	.07		.56	T				6.71
PONTIAC			.76									.29	.27	.39	1.63									.02	1.00	.20	.05		.04	.06		4.71
PRINCETON 1 S R//		.02										.25	.32	1.28										.20		.95						3.02
PRINCEVILLE 2 NW		.20											.85	1.12	.04						.03	.02	.05	.13	.65	T						3.09
PROPHETSTOWN H		.10				.18					.07		1.23	1.64							.07	.01	.50	.15	.95			.16				5.06
QUINCY	.40	1.86						.02		T	.01	.22	.23	.42							.54		.52	.14	.38	.25		.11				5.10
QUINCY CAA	.35	1.52								.13			.03	.79							.28	.03	.43	.03	T	1.11						4.70
QUINCY DAM 21 Z	.45	.99	1.08					T	T	T	.11	.09		.61	.22						.61		.19	2.86	.38	T	.62	.04				8.25
QUINCY MEMORIAL BRIDGE	.40	.98	.95						.03			.01		.57	.16						.60		.40	.78	.43		.30	.09				5.70
RANTOUL CHANUTE AF H		T	T			T					T	.42	.32	.23	.35		.02				.01			T	T	.41	.01	.73				2.50
RED BUD	.76					.33				.25		T	.20	1.85						.68	.10			.05		1.28		.03				5.53
RICHVIEW R				.03						.03	.10	.70	.10	.25	.65									.15		.74						2.75
ROBERTS 3 N			.12											.33	1.45		.05								.70	T						2.65
ROCHELLE			1.00										.55	1.99	.22		T			.14			.33	.15	1.60		1.32					7.30
ROCKFORD			.08										1.23	1.30	.11						.36		.13	.16	.62		1.30					5.29
ROCKFORD CAA			.18									T	.49	1.14	T						.41		.20	.15	.58		T	.95	1.00			5.10
ROCK ISLAND DAM 15	T	.78	.13				T						T	1.67	.38						.39	T	.02	1.15	.24			.25	T			5.01
RUSHVILLE	.29												.02	.50	.09						.41		.92	.16	.02	.06		.28				2.75
STE MARIE MISSION HSE							.22			.09	.43	.03	.50	.15	.72	T	.27	.15		.02					.05		1.75		1.30			5.68
SALEM											.05	.68	.06	.01	.85				.02					.03		1.00	1.00	.04				3.74
SHAWNEETOWN NEW TOWN											.20		.34	.31	.26	T		.28	.11	.10					1.06		.16	.02	.50			3.34
SIDELL			.07				T				.24	.04	.41	.04	1.61	T	T	.02		.09		.05		T		.40	T	.36				3.33
SKOKIE N S TREAT WKS H			.03										.36	3.23	.26						.01			.17				.01				4.07
SPARTA	.86				T	.27				.46	.25	.10	.46	T	.64						.44			.66		1.43		.03	.31			5.91
SPRINGFIELD WB AIRPORT Z		.10	T			T				.01	.19	T	.13	1.43							.01		.14			.19		.90				3.10
SPRINGFIELD WB CITY Z		.10	T			.04				.03	.38		.14	1.71							.01		.11			.10		.11				2.73
STICKNEY W SIDE TREAT H			.19										.13	3.46	.10										.70							4.58
STOCKTON	.02	.14	.34										1.04	1.59	.01						.11		.36	.54	.97			.40				5.52
STREATOR						.03							.74	.89	1.65								.09		.54	T		.07	.35			4.36
SULLIVAN WATER WORKS R//				.10		.15				.14		*	.11	.10	.67		.16							-	-	-	-	2.02					-
SYCAMORE			.88								T		.22	2.65	.38						.13		.09	.17	1.43			.53				6.48
TABLE GROVE	.02	.65	T							.09			.62	.54	.01						.01		.67	.08	.36	.99		.07				4.11
TAYLORVILLE			.02							.62		.27	.04	.76														.65	.61			2.97
TISKILWA		T										.05	.50	1.30	.25						T		.19		.63							2.92
TOULON		.20	T									.03	1.76	.55	.26								.10		.99		.12		.01			4.02
TUSCOLA						.03				1.33		.34			.61		.02				.58					.02		.27	.35			3.55
URBANA		.02								.18	.62	.32	.18	.22	.37		.05									1.08	.40	.07	1.06				4.57
URBANA EXP FARM R		T								.18	.21	.29	.12	.23	.31		.02									1.47		1.23					4.06
URBANA WATER WORKS		T								.14	.41	.25	.18	.17	.42			.02								.01	1.26	.04	1.26				4.16
UTICA STARVED ROCK DAM													.30	.58	.95						.09			.15	.28			.04	.09			2.48
VANDALIA Z										.20	T	T	.35	T	.40		T				.16			T			3.50		.40			5.01
VIRDEN	.02	.09	T				T			.14		.24	.14	.06	.41						.35		.16			T		.10				1.71
WALNUT		T				.07							.40	1.07							.06		.15	.07	1.98			.05				3.85
WARSAW	.38	1.85									.47			.79							.75		.77	.14	.43	.43		.75				6.76
WASHINGTON R		.07									.70		.41	.70	.07								.08	.31	.31	.10	.20					2.95
WATERLOO	.58					.25				.27		.02	.25	.10	.73						.55					.95			.05			3.75
WATERMAN R//			.73										.42	2.24	.05						.23		.17	.14	1.03			.40				5.41
WATSEKA			.17								.11		.11	.44	1.30		T				.35				.63	.01	.01	.04				3.17
WAUKEGAN			.10										1.07	1.86	1.08								T	T	.27	.01		.13	T			4.52
WAYNE CITY					T						.04	.15	.70	.05	.74	.02				.21					.24		.75		1.25			4.15
WENONA R												.10	1.40	1.30							.14			-	-			.07				-
WEST FRANKFORT 8 E R				.45						1.01		.59	.10		.51									.24		.34						3.24
WHEATON COLLEGE			.69										.32	.48	3.35						.06				.49	T		.03				5.42
WHITE HILL 1 E	.74	.64	T							.07	T		.28	.41	1.05						T		.05	1.04		.01		1.00				5.29
WILCOX					.26						.27	.02			.75		.16								.12		.60		.50			2.68
WINDSOR		T				.56	T			.25		.60	T	.43	.79		.12											.19	.05			2.99

See reference notes following Station Index

DAILY PRECIPITATION

Table 3

DELAYED DATA

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
DECEMBER 1948																																
ALTON DAM 26					.20	.02				T		T			.34	.02			.23					.60	.02				.60			2.03
JANUARY 1949																																
CHICAGO LAKEVIEW PUMP R			.01	.23	.03				.03	.15					.43			1.19					.76		.06	.17	.65					3.71
CHICAGO MAYFAIR PUMP R			.08	.18	.09				.03	.25					.38			1.55					.79		.11	.16	.85					4.45
CHICAGO ROSELAND PUMP R			.07	.52	.09				.02	.25					.12			1.77					.46		.01	.04	.98					4.33
CHICAGO S FILTER PL R			.02	.46	.02				.09	.39					.25			1.32	.02				.41		.09	.13	.85					4.05
CHICAGO SPRINGFLD PUMP R			.06	.15	.12				.03	.24					.48			1.28					.67		.12	.15	.87					4.17
FAIRBURY WATER WORKS R//			.05	.40					*	.70	.40				.19	.03		1.37					.50		.27	.31	.84				-	-
GREENFIELD R			.45	.25					.23	.83	.32			.03	.21			1.57					1.31		.15	.10	1.02					6.47
KEWANEE BAKER PARK R			-	-					.20	.05	.20		.10		.20			.92					.45		.02	.06	.50					-
NEWTON Z			.20	1.48	.37					.67	.26	.30				.47	.04	.56				.70	.34	.08	.47	1.12			T			7.06
PARIS SEWAGE PLANT M			.40	1.33					.04	.56	.11				.09	.24		2.99				-	-	-	-	-	-	-	-	-	-	-
FEBRUARY 1949																																
AUGUSTA HIGH SCHOOL R			.20			.04						.32	.30	.38	.04						.36						.17					1.81
CARBONDALE SEWAGE PL			.25									.03	1.53	1.20									.12	.03			.05					3.21
COULTERVILLE R			.23										.02	2.85										.25								3.35
DANVILLE WATER WORKS R			.13	.02		.08							.05	1.85	.09						.45	.07		.22			.12					3.08
DOUGLAS R			-									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENFIELD R			.43										.11	1.36	.07						.77	.05		.22			.16					3.17
HUTSONVILLE R//			.20			.07						*	.50	.73	1.00							.15		.23			-					-
KEWANEE			.25			.25						.65		.52							.10		T				T					1.77
MORRISONVILLE R			.22			.03							.10	*	1.77						.79	.04		.20			.08					3.23
PAYSON			.20			.10						.50		.55		T				T	.35			T				.30				2.00
ROCKPORT			.07											.65							.29						.31					1.32
MARCH 1949																																
CHICAGO LAKEVIEW PUMP R								.18	.12							.01					.03	.50				.42	.29			1.34	.86	3.75
CHICAGO MAYFAIR PUMP R								.26	.11												.10	.43				.40	.09			1.23	1.01	3.63
CHICAGO ROSELAND PUMP R						.01		.33	.06												.05	.20				.44	.11			1.84	.22	3.26
CHICAGO S FILTER PL R						.03		.32	.19							.05					.08	.28				.57	.35			1.34	.17	3.38
CHICAGO SPRINGFLD PUMP R								.27	.10							.01					.06	.39				.44	.22			1.37	.90	3.76
KEWANEE								.35								.08						.21				1.00				.92	.18	2.74
MORRIS								T	.22								T					.20	T			T	.60	T		1.82	2.84
APRIL 1949																																
AUGUSTA HIGH SCHOOL R				.01						.14				.70	.05						*	.65				.17					1.72
ANNAWAN														.40	.50		.09					.52	.09									1.60
AURORA COLLEGE	T		.03			.01	.02							.04	.50	.03	.27					.07			.04							1.01
COULTERVILLE R			.18		.03		.07							.29								.08				1.82	.04					2.51
KEWANEE					T	T	.10			T				.30	.38							.36										1.14
MACOMB	.01				T		T			.01				.69	.15		.05					.29	.03			.56						1.79
PRAIRIE DU ROCHER R		.02	.42			.04	.02			.05				.06		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCK ISLAND DAM 15	.03				T	.02	T				T				.63	.18	.05	.05				.18	.05			T	T					1.21
MAY 1949																																
ANNAWAN	.26								T					.11		.29					.79	.20			.09	T	T					1.74
BENTLEY	.41														.18	.12	.07	.06	.28		.17	.05	T		.09		T					1.43
CARPENTER 1 SW R	.21							.50	2.24										.47		2.10	.03	.23	.02	.36							6.16
CHICAGO LAKEVIEW PUMP R	.37													.01	.06	.12	.11	.10	.85		.08	.01										1.71
CHICAGO MAYFAIR PUMP R	.40													.01	.02	.06	.07	.10	1.16	.01	.01											1.84
CHICAGO ROSELAND PUMP R	.49								.01						.28	.06	.09	.14	1.43	.02	.27	.03		.03	.10							2.95
CHICAGO S FILTER PL R	.41								.01						.07	.02	.07	.13	1.01	.02	.27	.13		.02	.17							2.33
CHICAGO SPRINGFLD PUMP R	.29												.05		.01	.02	.09	.06	.84	.01	.05	.02	.01	.01								1.46
FULTON DAM 13 Z		.21							.01	T				.11		T	.04	.10		T		.64		T	T	T				T		1.11
HARDIN	.10							.04	.31									.17		.54	.61	.02		.33		.55						2.67
KANKAKEE SEWAGE PLANT R	.02													.28	1.22	.07		.04	.71		.05	.20	.10		.07							2.76
KEWANEE								T	T						T	.30	.20	.08	.12		.20	.10	.52									1.52
TAYLORVILLE									.37	.08		.04							.65	.02	.22	.19		.07		.24						1.88

EVAPORATION AND WIND MOVEMENT

Table 6

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	Departure from normal
CARBONDALE SEWAGE PL	EVAP	.25	.79	.25	.18	.23	.27	.11	.33	.38	.22	.12	.30	.28	.15	.17	.25	.15	.21	.20	.27	.28	.15	.27	.30	.12	.10	.39	.19	.30	.34		7.55	
	WIND	41	55	80	41	31	27	17	60	57	23	65	67	88	114	122	44	48	17	20	42	66	54	30	52	64	117	102	87	35	19		1685	
SPRINGFIELD WB AIRPORT	EVAP	.35	.26	.13	.29	.35	.42	.27	.43	.29	.28	.15	.28	.27	.03	.34	.20	.30	.08	.24	.34	.39	.32	.34	.26	.31	.34	.21	.19				8.208	
	WIND	77	126	144	47	105	79	56	106	56	45	65	95	130	130	162	81	85	24	45	66	104	105	47	105	151	111	85	77	33	39		2581	

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A.M. Hour ending											P.M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
BEARDSTOWN LAGRANGE DAM	//						.45	.14	.01																.60
CAIRO WB CITY											.09	.24	.02												.35
CARPENTER 1 SW							.05	.02	.10	.25	.03														.45
COLLINSVILLE							.41	.22	.15	.17														.05	1.00
COULTERVILLE								.50	.47	.08	.35	.13													1.53
GREENFIELD							.62	.16	.14	.08	.01														1.01
JACKSONVILLE SEWAGE PL									.20	.04															.24
MURPHYSBORO WATER WORKS	//								.20	.05	.15	.20													.60
PITTSFIELD WATER WORKS						.22	.11	.12	.01																.46
QUINCY CAA	6	*	*	*	*	*	.34	*	*	*	*	*	.01												
QUINCY DAM 21				.04	.06	.09	.21																		.40
—2d—																									
ALEXIS WATER WORKS		.01	.06	.13	.04	.10	.18	.08	.10	.01	.01														.72
BEARDSTOWN LAGRANGE DAM	//								.09	.15	.30	.01													.55
BELVIDERE SEWAGE PLANT			.20																						.20
BRADFORD CAA	6							*	*	*	*	*	.04												
CAMP ELLIS										.03	.16	.06													.25
FARMER CITY													.13												.13
FREEPORT SEWAGE PLANT										.01														.01	.02
FULTON DAM 13					.15	.05	.03	.12		.02	.01														.38
GREENFIELD													.56	.02	.01	.01	.02	.01							.63
HUDSON LK BLOOMINGTON															.02										.02
ILLINOIS CITY DAM 16			.23	.07	.02	.01	.09	.06			.09	.01										.05			.63
JACKSONVILLE SEWAGE PL											.05	.43	.04												.52
KEWANEE BAKER PARK									.05	.05	.03	.02	.02	.01											.18
LANARK					.03	.05	.01	.01	.04	.01														.01	.02	.18
LAWN RIDGE											.02	.03													.05
MARIETTA									.01	.10	.15	.02	.01												.29
MASON CITY												.13	.17												.30
MOLINE WB AIRPORT	//			.20	.11	.07	.12	.19	.03	.04	.01													.01	.78
OREGON POWER PLANT	//	.03																							.03
PEORIA LOCK AND DAM	//													*	*	.10									.10
PEORIA WB AIRPORT											.01		.10												.11
PITTSFIELD WATER WORKS									.06	.18	.34	.03													.61
PRINCETON 1 S	//										.01		.01												.02
PROPHETSTOWN						.02	.02	.01		.02	.03														.10
QUINCY CAA	6	*	*	*	*	*	.62	*	*	*	*	*	.90												
QUINCY DAM 21						.73	.25	.02	.04	.96	.10														2.10
SPRINGFIELD WB AIRPORT	//											.01	.03	.06											.10
SPRINGFIELD WB CITY													.01	.07	.01										.09
WASHINGTON													.07												.07
—3d—																									
CHICAGO CAL TREAT WKS							.04	.02																	.06
CHICAGO LOYOLA UNIV						.10	.08																		.18
CHICAGO N BRA PUMP STA						.06	.09																		.15
CHICAGO SAN DIST DISPAT							.11	.01																	.12
CHICAGO SAN DIST OFF							.10																		.10
CHICAGO UNIVERSITY							.89	.05																	.94
CHICAGO WB AIRPORT						.03	.22																		.25
CHICAGO WB CITY						.01	.06																		.07
CRETE				.03																					.03
DOWNS 2 NE																	*	*	*	.60					.60
DWIGHT STATE REFORM					.03												.02								.05
EVANSTON PUMP STA						.03	.01																		.04
HUDSON LK BLOOMINGTON				.05																					.05
JOLIET WB AIRPORT	6	*	*	*	*	*	.04																		
LANARK		.01																							.01
LOCKPORT LOCK AND DAM					.32	.03	.08																		.43
LOCKPORT POWER HOUSE					.37	.09	.02		.01																.49
MC HENRY					.10																				.10
PIPER CITY																	.10	.10	.01						.21
PITTSFIELD WATER WORKS			.07	.03																					.10
ROCKFORD CAA	6	*	*	*	*	*	.18																		
SKOKIE N S TREAT WKS						.03																			.03
STICKNEY W SIDE TREAT							.18	.01																	.19
WATERMAN	//			.63	.09	.01																			.73
—4th—																									
CAIRO WB CITY									.20	.18	.15	.01													.54
CISNE BROWN CAMP		.01	.01																						.02
COLLINSVILLE																.10									.10
EFFINGHAM CAA	//													.10	.02	.02									.14
GALATIA																			.10						.10
GLENDALE EXP FARM																			.12	.02					.14
GOLCONDA DAM 51																				.05					.05
LOUISVILLE																.10		.05							.15
MORRISONVILLE																								.16	.03	.19
RICHVIEW																			.03						.03
SULLIVAN WATER WORKS	//												.09		.01										.10
VANDALIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST FRANKFORT 8 E																	.20	.25							.45
—6th—																									
COULTERVILLE												.12													.12
DIONA																							.27	.07	.34
DWIGHT STATE REFORM																			.05						.05
EFFINGHAM CAA	//																			.22				.02	.01	.25
GALATIA														.03											.03
HUTSONVILLE	//																							.06		.06
JOLIET WB AIRPORT	6													*	*	*	*	*	.01							
MURPHYSBORO WATER WORKS	//												.05													.05
PIPER CITY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROPHETSTOWN				*											.17	.01										.18
SPRINGFIELD WB CITY																						.04	.01			.05
SULLIVAN WATER WORKS	//																	.14	.01							.15
—9th—																									
GOLCONDA DAM 51																						.04				.04
													10													
CAIRO WB CITY					.10	.14	.05				.08	.51											.01	.04		.93
CAMP ELLIS																			.16							.16
COLLINSVILLE																		.15								.15
COULTERVILLE								.05	.03	.02								.10	.10							.30
DIONA							.03	.01		.01				.20	.13	.14	.03									.55
EFFINGHAM CAA	//												.78	.15	.06		.05	.01	.02							1.07

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GALATIA												.57	.01						.20						.20
GLENDALE EXP FARM							.10						.07	.01										.08	.76
GOLCONDA DAM 51						.14	.01					.80	.04	.01				.01		.01	.01		.10	.02	.35
GREENFIELD									.01			.81	.42	.03	.13										.89
HUTSONVILLE //						*	*	*	*	*	*			.04											1.39
LOUISVILLE											.10														.14
MAROA SEWAGE PLANT												.26													.26
MORRISONVILLE										.14	.02				.04	.14	.01								.35
MT CARMEL WATER WORKS														.02											.02
MURPHYSBORO WATER WORKS //		.14	.01													.07									.22
PITTSFIELD WATER WORKS															.17										.17
QUINCY CAA 6													*	*	*	*	*	.13							
QUINCY DAM 21																		.06	.04	.05					.15
RICHVIEW											.01	.02													.03
SPRINGFIELD WB AIRPORT //																		.01							.01
SPRINGFIELD WB CITY											.01						.01						.01		.03
SULLIVAN WATER WORKS //									.09					.01	.02	.02									.14
URBANA EXP FARM											.09	.08	.01												.18
WEST FRANKFORT 8 E														.08	.02				.29	.62					1.01

—11th—

CHICAGO N BRA PUMP STA																								.01	.01
CHICAGO UNIVERSITY																	.41	.16							.57
CISNE BROWN CAMP	.03		.01		.06				.05																.15
COLLINSVILLE																		.01	.01		.01				.03
COULTERVILLE																	1.17	.40							1.57
DOWNS 2 NE															.60	.04	.02	.02							.68
FARMER CITY													.01	.13	.12	.14									.40
GREENFIELD		.01																							.01
LOUISVILLE						.06	.09	.03	.45	.02	.05	.01	.01												.72
MAROA SEWAGE PLANT																-	-	-	-	-	-	-	-	-	-
MT CARMEL WATER WORKS			.12	.05	.04	.01				.01															.23
MURPHYSBORO WATER WORKS //			.06	.10																					.16
PEORIA WB AIRPORT												.18				.01		.03							.22
PROPHETSTOWN																.07									.07
RICHVIEW									.01	.01	.08														.10
SPRINGFIELD WB AIRPORT //															.19										.19
SPRINGFIELD WB CITY														.08	.28	.01									.37
URBANA EXP FARM												.14	.01	.06											.21
WASHINGTON											.70														.70

—12th—

BELVIDERE SEWAGE PLANT																							.01	.01	.02
BRADFORD CAA 6																			*	*	*	*	*	.10	
CAIRO WB CITY									.03	.15		.31									.15				.64
CARPENTER 1 SW								.31	.45	.12								.02							.90
CHICAGO CAL TREAT WKS																								.01	.01
CHICAGO UNIVERSITY																								.04	.04
CISNE BROWN CAMP												.03	.06												.09
COLLINSVILLE									.01	.19															.20
COULTERVILLE									.30																.30
DIONA														.04	.01										.05
DWIGHT STATE REFORM													.18												.18
EFFINGHAM CAA //												.24	.06	.02	.01										.33
FAIRBURY WATER WORKS //													.06												.06
FARMER CITY											.12			.01		.01									.14
GALATIA											.25	.09	.02												.36
GLENDALE EXP FARM											.38	.06													.44
GOLCONDA DAM 51												.03	.01												.04
HOOPESTON															.03										.03
HUTSONVILLE //												.44	.05	.01											.50
ILLINOIS CITY DAM 16																							.09	.01	.10
LOUISVILLE												.51	.05	.02	.01										.59
MC HENRY																								.07	.07
MORRISONVILLE										.09															.09
MT CARMEL WATER WORKS													.40	.08	.01	.01									.50
MURPHYSBORO WATER WORKS //										.65	.05														.70
OREGON POWER PLANT //																						.03			.03
PEORIA LOCK AND DAM //																			.03			.05			.08
PEORIA WB AIRPORT																							.01		.01
PIPER CITY												-	-	-	-	-	-	-							-
PRINCETON 1 S //																								.25	.25
RANTOUL CHANUTE AF BASE //												.08	.01	.35											.44
RICHVIEW										.65	.05														.70
SULLIVAN WATER WORKS //													*	*	*	*	*	*	*	*	*	*	*	*	*
URBANA EXP FARM													.29												.29
WENONA																							.09	.01	.10
WEST FRANKFORT 8 E												.44	.12	.03											.59

—13th—

ALEXIS WATER WORKS							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BEARDSTOWN LAGRANGE DAM //							.40	.25							.03								.01	.01	.70
BELVIDERE SEWAGE PLANT	.92									.04	.41	.78	.87	.63	.02								.11		2.88
BRADFORD CAA 6							*	*	*	*	*	.20	*	*	*	*	*	.14							
CAIRO WB CITY						.01	.05	.41																	.47
CAMP ELLIS									.11	.01				.35	.02										.49
CARPENTER 1 SW								.04	.03	.01															.08
CHICAGO CAL TREAT WKS														.05	.08	.02	.01		.04						.20
CHICAGO LOYOLA UNIV															.22		.39	.01							.62
CHICAGO N BRA PUMP STA															.22		.39								.61
CHICAGO SAN DIST DISPAT																.35	.05		.01						.41
CHICAGO SAN DIST OFF															.01	.19	.18		.01						.39
CHICAGO UNIVERSITY														.01	.04	.04	.01		.01						.11
CHICAGO WB AIRPORT																.35	.01		.03						.39
CHICAGO WB CITY															.01	.12	.22	.02							.37
COLLINSVILLE									.10										.03						.13
COULTERVILLE											.04	.12													.16
CRETE														.14	.02	.21		.22	.02	.14	.04		.13		.92
DIONA												.02	.02		.01					.01	.01			.01	.08
DOWNS 2 NE											.12	.06	.06												.24
DWIGHT STATE REFORM													.10	.02	.02		.16		.21				.01	.01	.53
EFFINGHAM CAA //												.20	.03												.23
EVANSTON PUMP STA													.22				.21					.01			.44
FAIRBURY WATER WORKS //											.03	.02	.13	.09	.01										.28
FREEPORT SEWAGE PLANT											.50	.04	.72	.10	.06	.02			.01		.25	.01			1.71
FULTON DAM 13													.02	.03		.04	.01			.01					.11
GALATIA									.85			.15													1.00
GLENDALE EXP FARM							.05	.07	.18	.08															.38
GOLCONDA DAM 51								.03	.20	.06															.29
GREENFIELD								.23	.03	.02			.01	.01			.01			.01					.32
HOOPESTON												.01	.01												.02
HUDSON LK BLOOMINGTON													.03												.03
HUTSONVILLE //												.18						.01	.01						.20

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JACKSONVILLE SEWAGE PL									.09	.22					.01	.02			.10						.01	.45
JOLIET WB AIRPORT	6													M	M	M	M	M	.23							
KANKAKEE SEWAGE PLANT															.07	.07							.02			.16
KEWANEE BAKER PARK												.18	.42	.21	.02											.83
LANARK											.08	.14	1.23	.11	.17	.05						.25	.11	.01		2.15
LAWN RIDGE											.46	.25	.02	.27	.11	.01	.01								.09	1.22
LOCKPORT LOCK AND DAM																	.14		.03							.17
LOCKPORT POWER HOUSE												.01			.01		.16		.05							.23
MARIETTA									.12	.14	.01	.20	.03	.01	.09	.01		.03					.04			.68
MASON CITY											.11	.01												.02	.02	.16
MC HENRY													.05	.08	.22	.02	.01	.02							.05	.45
MOLINE WB AIRPORT	//											.01	.01	.05												.07
MT CARMEL WATER WORKS											.01	.17	.01		.16	.01		.01								.37
MURPHYSBORO WATER WORKS	//						.08	.01				.05	.02													.16
OREGON POWER PLANT	//												.15	.15	.06	.04	.01		.02	.01	.01				.01	.46
PEORIA LOCK AND DAM	//										.12	.09													.02	.23
PEORIA WB AIRPORT										.05	.76	.09					.01							.01		.92
PIPER CITY															.10	.02										.12
PITTSFIELD WATER WORKS								.09	.14						.01			.25	.02			.02	.01			.54
PRINCETON 1 S	//											.05	.08	.17		.01	.01		.02							.32
PROPHETSTOWN												.15	.55	.13	.09		.07		.24							1.23
QUINCY CAA	6													M	M	M	M	M	.03							
QUINCY DAM 21														.10	.02		.01	.35	.01	.01						.50
RANTOUL CHANUTE AF BASE	//													.15	.03											.25
RICHVIEW											.02	.01	.03	.04										.02	.05	.10
ROCKFORD CAA	6							M	M	M	M	M	.19	M	M	M	M	M	.23	M	M	M	M	M	.70	
SKOKIE N S TREAT WKS																.18		.17		.01						.36
SPRINGFIELD WB AIRPORT	//										.03	.03										.03		.03	.01	.13
SPRINGFIELD WB CITY												.05										.04		.01		.10
STICKNEY W SIDE TREAT																	.03	.07							.03	.13
SULLIVAN WATER WORKS	//	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	.11							.11
URBANA EXP FARM														.09	.03											.12
WASHINGTON								.02		.03	.08	.07													.21	.41
WATERMAN	//	.05										.01	.01	.07	.01	.22	.05									.42
WENONA												.60	.49	.11		.05	.05	.10								1.40
WEST FRANKFORT 8 E										.04				.03	.03											.10
														—14th—												
ALEXIS WATER WORKS		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2.35							2.35
BEARDSTOWN LAGRANGE DAM	//					.05						.07	.01	.04	.03	.20		.03	.05	.02	.10					.60
BELVIDERE SEWAGE PLANT			.01			.01	.01			.03	.02				.41	.46	.10	.10	.10	.08	.05			.02	.02	1.42
BRADFORD CAA	6	M	M	M	M	M	.32	M	M	M	M	M	.12	M	M	M	M	M	1.80	M	M	M	M	M	.10	
CAIRO WB CITY				.01							.03	.01											.06	.03	.01	.15
CAMP ELLIS						.01	.01				.02	.01	.08	.01				.16	.02							.32
CARPENTER 1 SW																			.16	.03	.01	.05	.04			.29
CHICAGO CAL TREAT WKS				.01	.17		.23	.05					.01							.12		.04	.02	.44	.15	1.24
CHICAGO LOYOLA UNIV					.05				.50				.09						.23	.02	.55	.22	1.08	.63	.12	3.49
CHICAGO N BRA PUMP STA					.10	.23	.05	.50	.02				.12					.01	.19	.02	.55	.26	1.17	.97	.11	4.30
CHICAGO SAN DIST DISPAT					.65	.14		.13	.01									.14	.19	.08	.13		.79	.54	.09	2.89
CHICAGO SAN DIST OFF					.54	.06		.16		.01								.01	.04	.01	.13	.01	.96	.67	.10	2.70
CHICAGO UNIVERSITY					.39			.16	.02				.04					.10		.33	.01	.09	.20	.82	.10	2.26
CHICAGO WB AIRPORT					.39			.29				.06	.01					.28	.01	.01	.22	.04	.61	.57	.09	2.58
CHICAGO WB CITY					.40	.34	.01	.11	.03	.04	.02						.01	.03	.12		.34		1.05	.74	.15	3.39
CISNE BROWN CAMP													.05											.04		.09
COLLINSVILLE																			1.05	.99	.03	.02	.04	.02		2.15
COULTERVILLE																				.01	.01	.09	.08	.02	.01	.22
CRETE																					.02	.03	.01	.14	.13	.33
DOWNS 2 NE					.06	.19	.02	.01													.49	.52	.14	.25	.05	1.73
DWIGHT STATE REFORM		.01	.01				.05									.03	.01				.38	1.33	.14	.10	.08	2.14
EFFINGHAM CAA	//						.03																		.01	.04
EVANSTON PUMP STA						.15	.10	.35	.01				.18				.02		.13	.02	.17	.64	.98	.52	.12	3.39
FAIRBURY WATER WORKS	//						.20														.22	1.35		.25	.15	2.17
FARMER CITY					.23	.01															.09		.19	.23	.09	.84
FREEPORT SEWAGE PLANT		.01		.01	.01					.08	.06	.06														.23
FULTON DAM 13		.01		.11	.06		.01		.35	.35	.05	.04														.98
GALATIA																								.03	.22	.25
GLENDALE EXP FARM					.24																				.03	.27
GOLCONDA DAM 51											.01	.01	.01	.03	.03									.20	.03	.32
GREENFIELD									.01	.01	.01	.02	.05	.01	.02	.01			.04	.19	.33	.02				.72
HOOPESTON		.03	.02		.08	.10	.07																			.30
HUDSON LK BLOOMINGTON		.12	.11				.03				.01				2.32											2.59
ILLINOIS CITY DAM 16		.03		.02	.20	.75	.40	.40	.10	.10	.10															2.10
JACKSONVILLE SEWAGE PL			.01				.01				.01	.06	.02	.26			.24	.68	.51	.02	.41	.05			.01	2.29
JOLIET WB AIRPORT	6	M	M	M	M	M	.03	M	M	M	M	M	.08	M	M	M	M	M	.03	M	M	M	M	M	2.00	
KANKAKEE SEWAGE PLANT				.01			.08										.04				.02		.08	.08	.11	.42
KEWANEE BAKER PARK								.05	.05	.03	.02	.02	.01	.01	.11	.04	.54	.05	.13	.02						1.08
LANARK			.01	.01					.26	.07	.14	.01	.01													.51
LAWN RIDGE		.12	.13	.03	.01	.01							.10	.01	.04	.04	.01		.26	.03	.01	.01				.81
LOCKPORT LOCK AND DAM				.60	.10		.02									.01	.06	.01			.19	.27	.60	.17	.07	2.10
LOCKPORT POWER HOUSE			.01	.63	.06			.02									.06	.01			.05	.32	.77	.19	.07	2.19
LOUISVILLE											.01	.01	.08													.10
MARIETTA		.01	.02	.01			.17	.02	.02			.02	.03					.28	.03	.01	.03					.65
MASON CITY		.02											.01	.17	.01	.01	.01	.27	.52	.61	.07	.02	.10			1.82
MC HENRY		.05						.06		.03	.01		.01	.01	.04	.01	.08	.47	.63	.15	.05	.10	.17	.20	.13	.20
MOLINE WB AIRPORT	//	.12	.55	.02		.05	.25	.47	.19	.11	.08			.07	.05	.01										1.97
MORRISONVILLE			.02	.02	.01			.06	.01												.02	.06	.16	.29	.03	.68
MT CARMEL WATER WORKS										.22		.01												.05	.16	.44
MURPHYSBORO WATER WORKS	//																			.03		.11	.09	.63	.12	.98
OREGON POWER PLANT	//				.16			.10	.03	.02			.02	.06	.83	.09	.06	.04	.05	.05	.01		.01	.01	.01	1.55
PEORIA LOCK AND DAM	//	.02	.08											.04	.09	.02	.05	.54	.11	.04	.12		.03	.02	.04	1.20
PEORIA WB AIRPORT		.24	.03											.03	.15	.01		.31	.13	.05	.07	.01	.02	.04	.04	1.13
PIPER CITY							.25														.02		.30	.80	.14	1.51
PITTSFIELD WATER WORKS		.01	.01		.11			.01	.01	.01	.10	.02	.02			.07	.51	.03	.22	.51						1.64
PRINCETON 1 S	//		.13	.05	.05									.05		.02	.02			.91	.02	.01	.01	.01		1.28
PROPHETSTOWN			.01	.01					.10	.22	.02	.01	.42	.14	.54	.07	.07	.03								1.64
QUINCY CAA	6	M	M	M	M	M	.23	M	M	M	M	M	.27	M	M	M	M	M	.29							
QUINCY DAM 21					.09	.01				.06	.02	.01	.03	.08												.30
RANTOUL CHANUTE AF BASE	//					.01												.03					.01	.01	.06	.12
RICHVIEW																			.04				.16	.01	.04	.25
ROCKFORD CAA	6	M	M	M	M	M	.04	M	M	M	M	M	.05	M	M	M	M	M	.99	M	M	M	M	M	.06	
SKOKIE N S TREAT WKS					.01	.14	.15	.50	.01		.01		.01				.04	.01	.06		.12	.51	.91	.61	.14	3.23
SPRINGFIELD WB AIRPORT	//			.01				.01					.04						.01	.24	.80	.24	.05	.02	.01	1.43
SPRINGFIELD WB CITY				.02					.03					.01	.01					.40	.99	.08	.10	.03		1.67
STICKNEY W SIDE TREAT						.96												.24	.11		.37		1.08	.58	.12	3.46
SULLIVAN WATER WORKS	//					.01				.01	.01											.07				.10
URBANA EXP FARM					.07	.03		.01				.03		.01									.04	.04		.23
VANDALIA		-	-	-	-	-	-	-	-															.02	.02	-
WASHINGTON						.01	.01	.01	.04	.01			.01		.08	.01		.09	.04	.16	.11	.02	.01	.07	.02	.70
WATERMAN	//				.22	.01	.15	.18			.05			.10	.05		.05	.15	.49	.41	.14	.10		.10	.04	2.24
WENONA		.05												.14	.01	.02			.18	.30	.29	.11	.08	.04	.08	1.30
														—15th—												
BELVIDERE SEWAGE PLANT		.01	.02																							.03
BRADFORD CAA	6	M	M	M	M	M	.10																			

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CAIRO WB CITY			.02		.02	.12	.02																			.18
CHICAGO CAL TREAT WKS		.09	.14	.06	.03																					.32
CHICAGO LOYOLA UNIV		.04	.04	.04	.01																					.13
CHICAGO N BRA PUMP STA		.05	.04	.04				.01																		.14
CHICAGO SAN DIST DISPAT		.06	.08	.04	.02																					.20
CHICAGO SAN DIST OFF		.08	.11	.06	.02																					.27
CHICAGO UNIVERSITY		.09	.11	.07	.02																					.29
CHICAGO WB AIRPORT		.05	.08	.02	.01																					.16
CHICAGO WB CITY		.09	.04	.12	.04	.02																				.31
CISNE BROWN CAMP		.02	.02	.30	.06	.20	.20	.05																		.85
COULTERVILLE		.57	.01			.01																				.59
CRETE		.02	.12	.13		.01	.02			.01																.31
DIONA		.02	.08	.07	.19	.10																				.46
DOWNS 2 NE		.01	.01	.01					.01																	.04
DWIGHT STATE REFORM		.15	.05																							.20
EFFINGHAM CAA	//	.06	.09	.07	.01																					.23
EVANSTON PUMP STA		.06	.15	.04																						.25
FAIRBURY WATER WORKS	//	.03	.07	.05																						.15
FARMER CITY		.01	.06	.05																						.12
GALATIA		.05	.05	.04	.15	.09	.02																			.40
GLENDALE EXP FARM		.01	.01	.01		.01	.02	.06																		.12
GOLCONDA DAM 51		.01	.01	.03	.01	.01	.01	.14																		.22
HUTSONVILLE	//	.03	.04	.06	.12	.06	.02		.02																	.35
JACKSONVILLE SEWAGE PL		.01	.01			.01																				.03
JOLIET WB AIRPORT	6	*	*	*	*	*	.14																			
KANKAKEE SEWAGE PLANT		.07	.04	.04	.08																					.23
LOCKPORT LOCK AND DAM		.09	.05	.01	.01																					.16
LOCKPORT POWER HOUSE		.08	.04	.01	.01																					.14
LOUISVILLE		.01	.05	.12	.34	.36	.05			.01	.01															.95
MAROA SEWAGE PLANT		-	-	-	-	-	-							-	-	-	-	-	-	-	-	-	-	-	-	-
MC HENRY		.12	.03																							.15
MORRISONVILLE																										-
MT CARMEL WATER WORKS		.28	.28	.01	.01	.10	.28	.05		.02																1.03
MURPHYSBORO WATER WORKS	//	.04	.15	.05	.31	.01																				.56
OREGON POWER PLANT	//	.01																								.01
PIPER CITY		.16	.05	.05	.03	.04							.01													.33
RANTOUL CHANUTE AF BASE	//	.13	.02	.04	.15	.01																				.35
RICHVIEW		.41	.18	.02	.01		.01	.01			.01															.65
SKOKIE N S TREAT WKS		.07	.16	.03																						.26
STICKNEY W SIDE TREAT		.04	.06																							.10
SULLIVAN WATER WORKS	//		.05	.27	.09	.04	.05	.15	.02																	.67
URBANA EXP FARM		.08		.06	.17																					.31
VANDALIA		.07	.01																							.08
WASHINGTON		.07																								.07
WATERMAN	//	.04	.01																							.05
WEST FRANKFORT 8 E		.17	.03	.05		.10	.08	.08																		.51
—16th—																										
HUTSONVILLE	//													.04	.05	.05	.02	.03		.01	.01					.21
MT CARMEL WATER WORKS																					.10				.07	.17
—17th—																										
CISNE BROWN CAMP							.40	.10	.12	.01	.01															.64
DIONA		.02	.01	.01	.05	.01												.01	.01	.01						.13
EFFINGHAM CAA	//						.05	.10																		.15
FAIRBURY WATER WORKS	//							.01																		.01
FARMER CITY								.05	.01	.01		.01		.01												.09
GLENDALE EXP FARM																	.15	.02		.01	.01					.19
LOUISVILLE							.04	.07	.03			.01														.15
MT CARMEL WATER WORKS		.02				.01																				.03
MURPHYSBORO WATER WORKS	//																					.02			.02	.04
PIPER CITY															.02	.07										.09
RANTOUL CHANUTE AF BASE	//							*	*	*	*	*	*	*	*	*	*	*	.02							.02
SULLIVAN WATER WORKS	//										.04	.06		.01	.01			.04								.16
URBANA EXP FARM										.02																.02
—18th—																										
CAIRO WB CITY															.16	.27			.67							1.10
CISNE BROWN CAMP			.01		.01	.01																				.03
COULTERVILLE						.03									.37										.10	.10
GALATIA																										.40
GLENDALE EXP FARM														.03												.03
GOLCONDA DAM 51			.04	.01		.02			.35	.39				.45	.07	.01	.01									1.35
MURPHYSBORO WATER WORKS	//	.01	.01	.01	.01																					.04
—19th—																										
CISNE BROWN CAMP																				.23						.23
COULTERVILLE		.02																								.02
DIONA																				.04						.04
EFFINGHAM CAA	//																			*	*	*	*	*	.34	.34
GALATIA																	.15									.15
KANKAKEE SEWAGE PLANT																			.19	.01						.20
—20th—																										
CISNE BROWN CAMP		.01	.01																							.02
MAROA SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—21st—																										
ALEXIS WATER WORKS			.08	.18	.02																					.28
BELVIDERE SEWAGE PLANT					.02		.01	.01																		.04
CAIRO WB CITY										.45	.03															.48
CAMP ELLIS		*	*	*	*	*	.05																			.05
CARPENTER 1 SW						.35																				.35
CHICAGO LOYOLA UNIV								.01																		.01
CHICAGO N BRA PUMP STA								.01																		.01
COLLINSVILLE						.42	.02		.01																	.45
EVANSTON PUMP STA					.01																					.01
FREEPORT SEWAGE PLANT				.01																						.01
HOOPESTON												.07														.07
HUDSON LK BLOOMINGTON								.01																		.01
ILLINOIS CITY DAM 16		.25	.14	.10	.01																					.50
JOLIET WB AIRPORT	6	*	*	*	*	*	.01																			
KEWANEE BAKER PARK				.10																						.10
LANARK			.07	.01	.01			.01																		.10
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARIETTA				.04																						.04
MC HENRY						.01	.02																			.03
MOLINE WB AIRPORT	//		.19	.09	.06	.05						.01														.40
MURPHYSBORO WATER WORKS	//								.95	.07	.01															1.03
OREGON POWER PLANT	//			.16																						.16
PEORIA LOCK AND DAM	//			.07	.01	.02																				.10

See reference notes following Station Index.

Station		A.M. 1	A.M. 2	A.M. 3	A.M. 4	A.M. 5	A.M. 6	A.M. 7	A.M. 8	A.M. 9	A.M. 10	A.M. 11	A.M. 12	P.M. 1	P.M. 2	P.M. 3	P.M. 4	P.M. 5	P.M. 6	P.M. 7	P.M. 8	P.M. 9	P.M. 10	P.M. 11	P.M. 12	Total
PITTSFIELD WATER WORKS				.17		.02	.03	.01																		.23
PROPHETSTOWN				.02	.02	.01		.02																		.07
QUINCY CAA	6	*	*	*	*	*	.28																			
QUINCY DAM 21			.25	.08	.12	.14	.01																			.60
ROCKFORD CAA	6	*	*	*	*	*	.41																			
SKOKIE N S TREAT WKS								.01																		.01
SPRINGFIELD WB AIRPORT	//					.01																				.01
SPRINGFIELD WB CITY					.01																					.01
VANDALIA							.10	.02																		.12
WATERMAN	//				.20	.02	.01																			.23
WENONA					.14																					.14
-22d-																										
ALEXIS WATER WORKS																									.06	.06
CAMP ELLIS																									.12	.12
ILLINOIS CITY DAM 16																							.01	.02		.03
MARIETTA																									.04	.04
MOLINE WB AIRPORT	//																								.01	.01
PROPHETSTOWN																									.01	.01
QUINCY CAA	6																			*	*	*	*	*	.04	
QUINCY DAM 21																									.07	.07
-23d-																										
ALEXIS WATER WORKS		.02					.02	.26	.28		.26	.01											.12	.15	.05	1.17
BEARDSTOWN LAGRANGE DAM	//	.08			.01										.16	.04					.03	.02	.01	.01		.36
BELVIDERE SEWAGE PLANT											.04	.06													.10	.20
BRADFORD CAA	6							*	*	*	*	*	.09													
CAMP ELLIS		.06	.05	.01	.01		.01				.01	.03	.03		.14										.02	.37
CHICAGO WB CITY																									.01	.01
FREEPORT SEWAGE PLANT										.07	.04	.05		.01									.04	.27	.10	.58
FULTON DAM 13										.30	.05	.03	.01										.14	.12	.10	.75
GREENFIELD																			.10	.40	.05	.23	.02			.80
ILLINOIS CITY DAM 16								.02		.18	.16											.05	.60	.09	.25	1.35
JACKSONVILLE SEWAGE PL																1.14	.02	.01		.02	.05	.13	.04	.01	.01	1.43
KANKAKEE SEWAGE PLANT										.16	.02															.18
KEWANEE BAKER PARK											.03	.05	.01	.01									.04	.09	.01	.24
LANARK								.04	.11	.13	.12	.02				.12							.14	.11	.11	.90
MARIETTA		.09	.06	.01			.01							.15	.10											.42
MASON CITY																						.05	.04		.01	.10
MOLINE WB AIRPORT	//								.14	.01	.42	.17											.23	.13	.12	1.22
OREGON POWER PLANT	//									.05	.11	.11												.09	.06	.42
PEORIA LOCK AND DAM	//		.03	.01	.02																					.06
PEORIA WB AIRPORT			.02	.01	.01					.01	.02	.01		.01												.09
PITTSFIELD WATER WORKS																		.10	.96	.06	.10	.02				1.24
PRINCETON 1 S	//									.03	.07	.02	.08													.20
PROPHETSTOWN										.07	.10	.05		.01									.03	.12	.12	.50
QUINCY CAA	6	*	*	*	*	*	.13	*	*	*	*	*	.05	*	*	*	*	*	.21	*	*	*	*	*	.03	
QUINCY DAM 21		.02	.06	.04												.50	1.00	.30	.73	.22	.03		.01			2.91
ROCKFORD CAA	6							*	*	*	*	*	.11							*	*	*	*	*	.13	
SPRINGFIELD WB AIRPORT	//																				.04	.05	.05			.14
SPRINGFIELD WB CITY																					.03	.04	.03			.10
WASHINGTON								.01	.01					.02		.01			.01					.01	.01	.08
WATERMAN	//										.02	.01	.02			.07	.01							.03	.01	.17
-24th-																										
ALEXIS WATER WORKS																								.18	1.55	1.73
BELVIDERE SEWAGE PLANT		.03	.01	.01															.16	.07						.28
BRADFORD CAA	6																			*	*	*	*	*	.09	
CAIRO WB CITY																				.05						.05
CISNE BROWN CAMP															.13	.03										.16
COULTERVILLE																				.16	.01					.17
DIONA																	.10									.10
DWIGHT STATE REFORM																			.01	.05					.01	.07
EFFINGHAM CAA	//															.05										.05
FREEPORT SEWAGE PLANT		.05	.02					.01													.19	.01				.28
FULTON DAM 13		.10	.03	.01				.06																	.36	.56
GALATIA															.20	.05										.25
GOLCONDA DAM 51													.25		.90	.02		.01	.01	.01						1.20
GREENFIELD									.01	.01	.01															.03
HUDSON LK BLOOMINGTON			.01																	.75						.76
HUTSONVILLE	//															.06										.06
ILLINOIS CITY DAM 16		.10	.01	.01					.01	.01													.21	.08	.32	.75
JACKSONVILLE SEWAGE PL		.01		.01	.01	.02																				.05
KEWANEE BAKER PARK											.01		.01	.01												.03
LANARK		.05	.03																						.05	.13
LOUISVILLE															.05	.71	.01	.01								.78
MASON CITY																	.07									.07
MC HENRY														*	*	*	*	*	*	*	*	*	*	*	.23	.23
MOLINE		.05	.01		.03																			.22	.11	.42
MT CARMEL WATER WORKS																.19	.37	.08								.64
MURPHYSBORO WATER WORKS	//											.09	.08	.03												.20
OREGON POWER PLANT	//	.01	.01																							.02
PEORIA WB AIRPORT																			.02	.15						.17
PIPER CITY																					.01	.01				.02
PITTSFIELD WATER WORKS																		.08								.08
PROPHETSTOWN		.05	.03		.01	.01																			.05	.15
QUINCY CAA	6																			*	*	*	*	*	.03	
QUINCY DAM 21																				.09			.05	.20	.05	.39
RICHVIEW													.15													.15
ROCKFORD CAA	6	*	*	*	*	*	.03													*	*	*	*	*	.08	
SULLIVAN WATER WORKS	//												-													-
VANDALIA														-	-	-	-	-								-
WASHINGTON																		.12	.09	.10						.31
WATERMAN	//	.01																.09			.01			.02		.14
WENONA														-	-	-	-	-	-	-	-	-	-	-	-	-
WEST FRANKFORT 8 E														.18	.06											.24
-25th-																										
ALEXIS WATER WORKS		.40	.12	.02		.01																				.55
BELVIDERE SEWAGE PLANT		.01	.01	.37	.23			.01	.01																	.64
BRADFORD CAA	6	*	*	*	*	*	.76																			
CAMP ELLIS				.18	.08			.01											.04	.07	.04	1.19	.01			1.62
CHICAGO LOYOLA UNIV						.22		.17	.48	.01																.88
CHICAGO N BRA PUMP STA						.32		.22	.62	.02																1.18
CHICAGO SAN DIST DISPAT						.01		.10	.28																	.39
CHICAGO SAN DIST OFF								.09	.34	.04																.47
CHICAGO UNIVERSITY								.03	.04	.07																.14
CHICAGO WB AIRPORT						.01		.09	.15																	.25
CHICAGO WB CITY						.02	.01	.01	.44	.06																.54
COULTERVILLE													.75	.63	.10	.04										1.52
DOWNS 2 NE								*	*	.38																.38
DWIGHT STATE REFORM		.01					.55																			.56
EVANSTON PUMP STA						.13			.07	.04																.24

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FAIRBURY WATER WORKS	//						.05	.15																		.20
FREEPORT SEWAGE PLANT		.54	.16	.16	.02			.03	.02																	.93
FULTON DAM 13		.20	.10	.03	.01																					.34
GLENDALE EXP FARM			.14	.03	.01																					.18
HUDSON LK BLOOMINGTON								.17														.03				.20
ILLINOIS CITY DAM 16		.09	.01																							.10
JOLIET WB AIRPORT	6	*	*	*	*	*	.12																			
KANKAKEE SEWAGE PLANT									.12	.02																.14
KEWANEE BAKER PARK		.64	.30	.06																						1.00
LANARK		.30	.22	.07																						.59
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT LOCK AND DAM							.30	.04	.01																	.35
LOCKPORT POWER HOUSE							.30		.01																	.31
MARIETTA		.02	.06	.01																	.04	.20				.33
MAROA SEWAGE PLANT		-	-	-	-	-	-																			-
MC HENRY		.01		.12	.39	.02		.01																		.55
MOLINE WB/AIRPORT	//	.28	.03	.09																						.40
OREGON POWER PLANT	//	.02	.31	.29	.07			.01																		.70
PEORIA LOCK AND DAM	//				.60													.02								.62
PEORIA WB AIRPORT				.03	.49																		.01			.53
PIPER CITY					.01				.16	.02	.01															.20
PRINCETON 1 S	//		.41	.49	.03		.02																			.95
PROPHETSTOWN		.35	.35	.23	.01				.01																	.95
ROCKFORD CAA	6	*	*	*	*	*	.58																			
SKOKIE N S TREAT WKS						.03		.05	.08	.01																.17
STICKNEY W SIDE TREAT						.03		.19	.48																	.70
WASHINGTON			.05	.02	.23	.01																				.31
WATERMAN	//	.01	*	*	.97			.05																		1.03
WENONA		-	-	-	-	-	-	-	-	-	-	-	-													-
														—26th—												
BEARDSTOWN LAGRANGE DAM	//											.13	.01													.14
CAIRO WB CITY																	.09	.36						.05	.03	.53
CAMP ELLIS		.01								.01		.01	.01	.02				.01	.01							.08
CARPENTER 1 SW															.05	.05								.29	1.01	1.40
CHICAGO CAL TREAT WKS																.28										.28
CHICAGO UNIVERSITY																	.17									.17
CISNE BROWN CAMP															.16	.32	.06									.54
COLLINSVILLE														.09	.10	.01										.20
DIONA															.24	.03	.05	.01								.33
DOWNS 2 NE															.11											.11
DWIGHT STATE REFORM															.02	.03										.05
EFFINGHAM CAA	//															.38	.12									.50
FARMER CITY															.54							.29	.16	.02		1.01
GLENDALE EXP FARM																.03	.29			.01					.01	.34
GOLCONDA DAM 51																	.21	.01							.22	.44
HOOPESTON															1.05	.02	1.20	.03	.02					.04	.03	2.39
HUDSON LK BLOOMINGTON															.01											.01
HUTSONVILLE	//													.48	.05	.08	.02							.05	.28	.96
KANKAKEE SEWAGE PLANT																		.05	.02	.01						.08
LANARK																.56	.11									.67
LOUISVILLE														.02	.05	.12	.04									.23
MARIETTA												.15														.15
MAROA SEWAGE PLANT				.07																						.07
MASON CITY												.05	.04	.23	.01											.33
MC HENRY																			.01						.01	.02
MT CARMEL WATER WORKS																.43	.24	.01								.68
MURPHYSBORO WATER WORKS	//														.53	.16	.01									.70
OREGON POWER PLANT	//															.07										.07
PEORIA LOCK AND DAM	//													.60	.17	.01	.02	.01								.81
PEORIA WB AIRPORT														.04	.02											.06
QUINCY CAA	6							*	*	*	*	*	1.09	*	*	*	*	*	.02							
QUINCY DAM 21											.50	.08	.02													.60
RANTOUL CHANUTE AF BASE	//															.02	.32						.03	.02	.01	.40
RICHVIEW														.04	.56	.14										.74
SPRINGFIELD WB AIRPORT	//																			.19						.19
SPRINGFIELD WB CITY																					.08					.08
URBANA EXP FARM																	1.07							.12	.28	1.47
VANDALIA														.01	.05	.09								.92	2.13	3.20
WASHINGTON														.08	.02											.10
WEST FRANKFORT 8 E																.30	.04									.34
														—27th												
BEARDSTOWN LAGRANGE DAM	//																			.06	.01					.07
BELVIDERE SEWAGE PLANT																									.50	.50
CAIRO WB CITY		.01							.04																	.05
CARPENTER 1 SW		.01	1.00	.01	.03	.02	.01																			1.08
DIONA		.01	.04	.01																						.06
EFFINGHAM CAA	//	.28	.16	.01		.05																				.50
GLENDALE EXP FARM							.39	.03	.03	.15	.08	.10	.22													1.00
GOLCONDA DAM 51		.01					1.02	.54		.01	.24	.01														1.83
HOOPESTON		.03	.01	.07	.01				.01																	.13
HUTSONVILLE	//	.12	.08	.01	.09																					.30
ILLINOIS CITY DAM 16																									.18	.18
LOUISVILLE		1.40	.11	.09				.01	.02	.01																1.64
MURPHYSBORO WATER WORKS	//						.03	.07									.02									.12
VANDALIA		.27		.02	.02	.01	.02																			.34
WASHINGTON							*	*	*	.20																.20
														—28th—												
BELVIDERE SEWAGE PLANT		.35		.18	.06	.01																				.60
CAIRO WB CITY																	.03	.05								.08
CAMP ELLIS		-	-	-	-	-																				-
CARPENTER 1 SW																			1.00	.95	.03					1.98
CHICAGO CAL TREAT WKS				.01	.04		.01																			.06
CHICAGO N BRA PUMP STA			.01	.03																						.04
CHICAGO UNIVERSITY				.03																						.03
CHICAGO WB AIRPORT					.01																					.01
CISNE BROWN CAMP																			.25	.22	.92	.09				1.48
CRETE					.62		.02	.05																		.69
DIONA																				.86	.21	.06	.02			1.15
DOWNS 2 NE																					.35	.06	.01			.42
DWIGHT STATE REFORM																							.06	.14	.10	.30
EFFINGHAM CAA	//																			.15	.63	.01		.01		.80
FARMER CITY						.12														.03	.55	.90	.05			1.65
FREEPORT SEWAGE PLANT			.93	.19	.01	.01	.03	.01	.01																	1.19
FULTON DAM 13		.07	.01	.02																						.10
GALATIA																			.85	.18						1.03
GLENDALE EXP FARM																		.27								.27
GREENFIELD																				.12						.12
HOOPESTON																		.05								.05
HUDSON LK BLOOMINGTON						.01																		.19	.04	.24
HUTSONVILLE	//																	.83	.03	.17	.30	.05				1.38

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
ILLINOIS CITY DAM 16		.07	.15	.05				.02	.02				.01													.32
JACKSONVILLE SEWAGE PL															.07	.81	.41									1.29
JOLIET WB AIRPORT	6	*	*	*	*	*	.08													*	*	*	*	*	.57	
KANKAKEE SEWAGE PLANT					.08	.23		.01																		.32
LANARK			.30	.05																						.35
LOCKPORT LOCK AND DAM				.12		.01																				.13
LOCKPORT POWER HOUSE				.10		.02																		.01		.13
MARIETTA			.27	.01	.01																					.29
MAROA SEWAGE PLANT																		.90	.10	.19	.01				.02	1.22
MASON CITY																				.25	.02					.27
MC HENRY		.10	.13		.12	.13																				.48
MOLINE WB/AIRPORT	//	.02	.08	.06												.02										.18
MT CARMEL WATER WORKS																	.05									.05
MURPHYSBORO WATER WORKS	//									.07																.07
OREGON POWER PLANT	//		1.00	.52																						1.52
PEORIA WB AIRPORT					.01																					.01
PITTSFIELD WATER WORKS																		1.18	.03	.01						1.22
PROPHETSTOWN		.05	.08	.02	.01																					.16
QUINCY DAM 21			.05																							.05
RANTOUL CHANUTE AF BASE	//																		.30	.15	.15	.07	.01			.68
ROCKFORD CAA	6	*	*	*	*	*	.60																			
SKOKIE N S TREAT WKS																								.01		.01
SPRINGFIELD WB AIRPORT	//			.08													.75	.03	.03	.01						.90
SPRINGFIELD WB CITY				.01	.01													.02	.04	.02						.08
SULLIVAN WATER WORKS	//						.15										.04	.90	.85	.05	.02	.01				2.02
URBANA EXP FARM							.04													.72	.30	.13	.04			1.23
VANDALIA																			–	–	–	–	–	–	–	–
WATERMAN	//		.08	.02	.30																					.40
WENONA															.03	.02								.02		.07
													–29th–													
ALEXIS WATER WORKS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO WB AIRPORT																.01										.01
CRETE												.03														.03
DWIGHT STATE REFORM		.02						.03																		.05
HUDSON LK BLOOMINGTON		.06																								.06
KANKAKEE SEWAGE PLANT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAROA SEWAGE PLANT		.03																								.03
MORRISONVILLE		–	–	–	–	–	–	–																		–
RANTOUL CHANUTE AF BASE	//	.02																								.02

DELAYED DATA

DECEMBER 1948																										
													–5th–													
MAROA SEWAGE PLANT		.03		.02	.10	.10	.10																			.35
													–12th–													
MAROA SEWAGE PLANT		.05	.04		.01																					.10
													–14th–													
MAROA SEWAGE PLANT														*	*	*	*	*	*	*	*	*	*	*	*	*
													–15th–													
MAROA SEWAGE PLANT		*	*	*	*	*	.60																			.60
													–16th–													
MAROA SEWAGE PLANT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
													–31st–													
MAROA SEWAGE PLANT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
JANUARY 1949																										
													–1st–													
CULLOM		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DOUGLAS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAROA SEWAGE PLANT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
													–2d–													
COULTERVILLE																									.03	.03
													–3d–													
CHICAGO LAKEVIEW PUMP																		.01								.01
CHICAGO LOYOLA UNIVERSITY		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CHICAGO MAYFAIR PUMP STA																.02	.01	.01	.01		.01	.01		.01		.08
CHICAGO ROSELAND PUMP				.04		.01	.01			.01																.07
CHICAGO S FILTER PL														.02												.02
CHICAGO SPRINGFIELD PUMP																.02	.01	.01	.01	.01						.06
COULTERVILLE																					.04	.46	.20	.02	.02	.74
CULLOM		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DOUGLAS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FAIRBURY WATER WKS																									.05	.05
GREENFIELD			.03																	01	.26	.03	.02	.07	.03	.45
HUTSONVILLE			.01	.07	.05				.03						.01	.01								.30	.23	.71
KEWANEE BAKER PARK		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAROA SEWAGE PLANT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NEWTON			.02	.10		.05	.02	.03																.23	.30	.75
PARIS SEWAGE PL																								.03	.37	.40
PRAIRIE DU ROCHER			.02	.01																.02	.28	.57	.09		.01	1.00
VANDALIA			.03			.04	.02	.03		*	*	*	*	*	*	*	*	*	*	*	*	*	.35	.45	.15	1.07
													–4th–													
CHICAGO LAKEVIEW PUMP										.01		.01		.01	.02	.01		.06	.05	.04	.01			.01		.23
CHICAGO MAYFAIR PUMP STA																			.04	.07	.02	.01	.01	.01		.16
CHICAGO ROSELAND PUMP																		.20	.03	.23	.04	.01			.01	.52
CHICAGO S FILTER PL																		.15	.01	.24	.05		.01			.46
CHICAGO SPRINGFIELD PUMP										.01								.04	.02	.02	.01	.01	.02	.01	.01	.15
COULTERVILLE		.03	.03	.20	.03					.03	.03	.03			.05	.10										.53
FAIRBURY WATER WKS		.05														.15	.15	.05								.40

See reference notes following Station Index.

HOURLY PRECIPITATION

DELAYED DATA

JANUARY 1949 CONTINUED

Station	A.M. 1	2	3	4	5	6	7	8	9	10	11	12	P.M. 1	2	3	4	5	6	7	8	9	10	11	12	Total
GREENFIELD						.04		.01	.03	.02			.13	.01							.01				.25
HUTSONVILLE	.02		.02	.16	.16			.07		.10	.07	.03	.02		.02		.06	.25			.02	.13	.34	.16	1.63
KEWANEE BAKER PARK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NEWTON	.02	.05	.02	.13	.28	.07		.09	.01			.03	.07	.05		.07	.01	.02	.05	.05		.13	.07		1.22
PARIS SEWAGE PLANT	.14	.01	.08		.09		.03	.02			.01	.05	.13	.05	.20	.25	.01	.01	.05	.05		.05	.08	.02	1.33
PRAIRIE DU ROCHER	.08	.22	.05	.02					.03			.03													.43
QUINCY CAA 6	*	*	*	*	*	*	*	*	*	*	*	.01													
VANDALIA		.05	.48	.09	.01	.02					.02	.04	.01	.14	.02	.29		.01							1.18
—5th—																									
CHICAGO LAKEVIEW PUMP		.01				.01				.01															.03
CHICAGO MAYFAIR PUMP STA		.01	.01	.01	.01		.01		.01	.01	.01		.01												.09
CHICAGO ROSELAND PUMP		.01	.01	.01	.01	.01		.01	.01	.01		.01													.09
CHICAGO S FILTER PL		.01			.01																				.02
CHICAGO SPRINGFIELD PUMP	.01	.01	.02		.01	.01	.01	.01		.01	.01					.02									.12
NEWTON	.03	.01	.01					.05																	.10
—9th—																									
CHICAGO LAKEVIEW PUMP																								.03	.03
CHICAGO MAYFAIR PUMP STA																								.03	.03
CHICAGO ROSELAND PUMP																								.02	.02
CHICAGO S FILTER PL																							.02	.07	.09
CHICAGO SPRINGFIELD PUMP																								.03	.03
FAIRBURY WATER WKS																			*	*	*	*	*	*	
GREENFIELD																		.08	.04	.01	.07	.03			.23
KEWANEE BAKER PARK																					.05	.05	.05	.05	.20
PARIS SEWAGE PLANT																				.03			.01		.04
PRAIRIE DU ROCHER																		.05	.01	.01					.07
QUINCY CAA 6													*	*	*	*	*	.03	*	*	*	*	*	.21	
—10th—																									
CHICAGO LAKEVIEW PUMP	.08	.04	.01	.01							.01														.15
CHICAGO MAYFAIR PUMP STA	.08	.06	.03	.02	.01	.01	.01		.01	.01		.01													.25
CHICAGO ROSELAND PUMP	.09	.07	.05	.01	.01			.01			.01														.25
CHICAGO S FILTER PL	.13	.14	.09	.02	.01																				.39
CHICAGO SPRINGFIELD PUMP	.07	.05	.02	.02	.01	.01	.01	.01	.01	.01	.02														.24
COULTERVILLE								.02	.16	.12	.03	.05													.38
FAIRBURY WATER WKS	*	*	*	*	*	*	*	.70																	.70
GREENFIELD	.08	.01	.14	.10		.05	.05	.04	.01	.02	.03	.04	.01	.02		.03		.05	.07	.03	.01	.03	.01		.83
HUTSONVILLE	.01	.01		.05	.10	.13	.17														.02		.01		.50
KEWANEE BAKER PARK	.05																								.05
NEWTON					.05	.20	.20	.15	.07		.01								.02	.04	.03			.01	.78
PARIS SEWAGE PLANT				.03	.05	.20	.15	.09	.02	.01															.56
PRAIRIE DU ROCHER			.02	.01	.01	.01	.13	.17	.07	.02	.01														.45
QUINCY CAA 6	*	*	*	*	*	.03							*	*	*	*	*	.33	*	*	*	*	*	.05	
VANDALIA															.03	.12	.18	.10	.07	.02	.01				.53
—11th—																									
FAIRBURY WATER WKS									*	*	*	*	*	*	*	*	*	*	.40						.40
GREENFIELD	.02		.03	.05	.02	.03	.02	.03	.02	.02		.01		.01	.01	.02	.01		.01	.01					.32
HUTSONVILLE			.01	.01	.04	.03	.03																		.12
KEWANEE BAKER PARK									.05	.05	.02	.03	.03	.02											.20
NEWTON	.01	.01			.03	.02		.05		.02							.01		.01						.16
PARIS SEWAGE PLANT				.01				.03				.02		.03			.01	.01							.11
QUINCY CAA 6	*	*	*	*	*	*	*	*	*	*	*	.20	*	*	*	*	*	.14							
VANDALIA		.02				.05	.08	.04	.01	.01					.01		.08	.02							.32
—12th—																									
NEWTON	.01		.08																						.09
—13th—																									
KEWANEE BAKER PARK													.02	.08											.10
—14th—																									
GREENFIELD																				.02			.01		.03
VANDALIA										.01	.01														.02
—15th—																									
CHICAGO LAKEVIEW PUMP		.01		.01		.01	.01			.01	.05	.04	.01					*	*	*	*	*	*	.28	.43
CHICAGO MAYFAIR PUMP STA											.03	.02						*	*	*	*	*	*	.33	.38
CHICAGO ROSELAND PUMP										.01								*	*	*	*	*	*	.11	.12
CHICAGO S FILTER PL				.02	.01	.01	.01				.02	.01	.01	.01					.12	.03					.25
CHICAGO SPRINGFIELD PUMP											.05	.02						*	*	*	*	*	*	.41	.48
COULTERVILLE																					.11	.03	.02	.08	.24
FAIRBURY WATER WKS		.02		.01	.01		.01	.03				.01	.01	.02					.02	.04	.01				.19
GREENFIELD				.01							.01					.01	.02	.01	.11	.04					.21
HUTSONVILLE	.02						.01														.04	.01	.04	.05	.17
KEWANEE BAKER PARK									.03	.02		.01	.01	.01	.02	.02	.04	.04							.20
NEWTON																						.05	.05	.02	.12
PARIS SEWAGE PLANT																						.06	.01	.02	.09
PRAIRIE DU ROCHER																				.03	.06	.01	.02	.03	.15
QUINCY CAA 6													*	*	*	*	*	.42							
—16th—																									
COULTERVILLE											.03	.07	.07	.12	.07	.07	.04	.05	.02	.01					.48
FAIRBURY WATER WKS		.01		.01	.01																				.03
HUTSONVILLE	.01	.05									.02	.03	.10	.05	.08	.02	.05	.05							.46
NEWTON	.06	.02	.05										.05	.05	.10	.05	.03	.03	.01						.50
PARIS SEWAGE PLANT	.01	.01										.04		.05	.07	.02	.01	.03							.24
PRAIRIE DU ROCHER	.01	.01										.05	.15	.15	.02	.03	.03								.45
VANDALIA	.07	.01					.01						.03	.10	.10	.02	.02	.03	.02						.41
—18th—																									
CHICAGO LAKEVIEW PUMP										*	*	*	*	*	*	*	*	*	*	*	*	1.19		1.19	
CHICAGO MAYFAIR PUM											*	*	*	*	*	*	*	*	*	*	*	1.55			
CHICAGO ROSELAND PUMP									*	*	*	*	*	*	*	*	*	*	*	*	*	1.77		1.77	
CHICAGO S FILTER PL										.03	.01	.06	.09	.15	.13	.15	.25	.21	.10		.02	.07	.03	.02	1.32
CHICAGO SPRINGFIELD PUMP										*	*	*	*	*	*	*	*	*	*	*	*	*	1.28		1.28
COULTERVILLE			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.12					2.12
FAIRBURY WATER WKS									*	*	*	*	*	*	*	*	*	*	*	*	*	1.37			1.37
GREENFIELD	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.57

See reference notes following Station Index.

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DELAYED DATA																									
JANUARY 1949 CONTINUED																									
HUTSONVILLE		.22	.16	.19	.34	.49	.38	.39	.14	.07	.10	.09	.06	.05	.28	.17	.10		.03						3.26
KEWANEE BAKER PARK										.02	.12	.08	.13	.10	.07	.01	.02	.03	.01	.04	.12	.14	.03		.92
NEWTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.67					2.67
PARIS SEWAGE PLANT	.01				.01	.02	.03	.22	.12	.03	.12	.25	.31	.31	.16	.45	.72	.15	.07	.01					2.99
PRAIRIE DU ROCHER			.11	.15	.11	.16	.08	.17	.15	.13	.17	.40	.13	.04	.19	.04	.04	.03	.02						2.12
QUINCY CAA							*	*	*	*	*	.52	*	*	*	*	*	.04	*	*	*	*	*	.25	
VANDALIA				.04	.09	.04	.13	.02	.07	.06	.10	.28	.17	.35	.24	.23	.08	.07	.02	.01					2.00
—19th—																									
CHICAGO S FILTER PLANT	.02																								.02
—21st—																									
VANDALIA											.01	.02													.03
—22d—																									
PARIS SEWAGE PLANT													-	-	-	-	-	-	-	-	-	-	-	-	-
—23d—																									
CHICAGO LAKEVIEW PUMP											*	*	*	*	*	*	*	*	*	*	*	*	*	.76	.76
CHICAGO MAYFAIR PUMP											*	*	*	*	*	*	*	*	*	*	*	*	*	.79	.79
CHICAGO ROSELAND PUMP											.03	.11	.08	.06	.04	.06	.05	.01	.01	.01					.46
CHICAGO S FILTER PL												.04	.10	.07	.05	.04	.03	.03	.02	.01	.01	.01			.41
CHICAGO SPRINGFIELD PUMP										*	*	*	*	*	*	*	*	*	*	*	*	*	*	.67	.67
COULTERVILLE					.03	.05	.02		.07				.01	.17	.25	.10	.01	.04	.17	.02	.06	.01	.04	.60	1.65
FAIRBURY WATER WKS								.01	.07	.13	.06	.09	.04	.03	.05			.01	.01						.50
GREENFIELD				.03	.09	.05	.04	.07	.10	.08	.21	.24	.25	.11	.03	.01									1.31
HUTSONVILLE					.02	.02	.01	.02			.02	.02	.01		.25	.15	.08	.05	.02	.05	.04			.01	.77
KEWANEE BAKER PARK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.45	.45
NEWTON													.02	.01	.32	.11	.10	.04		.10	.01	.02	.02	.02	.77
PRAIRIE DU ROCHER				.07	.02	.09	.04	.01	.01	.01				.23	.18	.02		.04		.01	.02			.04	.79
QUINCY CAA	*	*	*	*	*	.07	*	*	*	*	*	.51							*	*	*	*	*	.02	
VANDALIA					.04	.04		.05		.02		.04	.03	.21	.20	.14	.03	.05							.85
—24th—																									
COULTERVILLE	.25	.10		.23	.07	.08	.07	.03	.22	.18	.04	.06	.10	.01											1.44
HUTSONVILLE	.09	.05	.01			.05	.05		.02		.01	.02	.09	.01											.40
NEWTON	.06	.02			.02	.03			.02				.03	.01											.19
PRAIRIE DU ROCHER	.03	.03	.08	.14	.03	.06	.05	.17	.22	.10	.13	.12	.07												1.23
—25th—																									
CHICAGO LAKEVIEW PUMP																				.01	.01	.01	.01	.02	.06
CHICAGO MAYFAIR PUMP											.01									.01	.02	.02	.02	.03	.11
CHICAGO ROSELAND PUMP											.01														.01
CHICAGO S FILTER PL																				.02	.02	.01	.01	.03	.09
CHICAGO SPRINGFIELD PUMP											.01								.01	.02	.02	.01	.02	.03	.12
COULTERVILLE																			.02	.02					.04
FAIRBURY WATER WKS																		.03	.05	.01	.01	.01	.07	.09	.27
GREENFIELD																			.01	.02	.04	.04	.02	.02	.15
HUTSONVILLE															.02	.01	.01	.01	.01	.01	.01	.05	.12	.05	.30
KEWANEE BAKER PARK																						.02			.02
NEWTON															.04	.01	.01	.01			.04	.05	.13	.08	.37
PRAIRIE DU ROCHER															.01		.01	.04	.01					.01	.08
QUINCY CAA													*	*	*	*	*	.18	*	*	*	*	*	.25	
VANDALIA																				.01	.01	.02			.04
—26th—																									
CHICAGO LAKEVIEW PUMP	.02	.01	.02	.01	.22	.02	.02	.01	.01	.01	.01	.01													.17
CHICAGO MAYFAIR PUMP	.02	.01	.02	.01	.02	.02	.02	.01	.01																.16
CHICAGO ROSELAND PUMP				.01	.01		.01		.01																.04
CHICAGO S FILTER PL	.03	.03	.01		.01							.02	.01	.02											.13
CHICAGO SPRINGFIELD PUMP	.01	.02	.01	.01	.02	.02	.01	.01	.01	.01	.01			.01											.15
COULTERVILLE	.04	.02	.02	.02	.06	.05																			.21
FAIRBURY WATER WKS	.03	.05	.03	.02	*	*	*	*	*	*	*	.18													.31
GREENFIELD	.02	.02	.01											.03				.01				.01			.10
HUTSONVILLE	.03	.04	.03	.04	.04	.02																			.20
KEWANEE BAKER PARK									.02	.02		.01	.01												.06
NEWTON	.02	.03	.02	.04	.06	.05																			.22
PRAIRIE DU ROCHER	.01		.01	.02	.02	.02	.01																		.09
QUINCY CAA	*	*	*	*	*	.02																			
VANDALIA	.02		.02	.01	.01																				.06
—27th																									
CHICAGO LAKEVIEW PUMP													*	*	*	*	*	*	*	*	*	*	*	.65	.65
CHICAGO LOYOLA UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP										*	*	*	*	*	*	*	*	*	*	*	*	*	*	.85	.85
CHICAGO ROSELAND PUMP													*	*	*	*	*	*	*	*	*	*	*	.98	.98
CHICAGO S FILTER PL											.01		.03	.02	.06	.10	.13	.18	.05	.10	.13	.02	.02		.85
CHICAGO SPRINGFIELD PUMP														*	*	*	*	*	*	*	*	*	*	.87	.87
COULTERVILLE									.10	.09	.18	.08	.07	.05	.14	.06	.10								.87
FAIRBURY WATER WKS									.01		.01	.01	.07	.16	.10	.26	.15	.07							.84
GREENFIELD						.02		.01		.05	.08	.12	.20	.12	.20	.05	.03	.01	.11	.01	.01				1.02
HUTSONVILLE										.03	.14	.18	.12	.16	.07	.09	.04	.12	.05						1.00
KEWANEE BAKER PARK										.02		.02	.05	.03	.08	.10	.10	.02	.03	.01	.04				.50
NEWTON									.03	.01	.16	.08	.09	.20	.06	.09	.01	.04	.03						.80
PRAIRIE DU ROCHER	.01	.01			.01	.01		.08	.02	.10	.09	.07	.07	.07	.08	.03	.07	.05							.77
QUINCY CAA	*	*	*	*	*	.09	*	*	*	*	*	.04	*	*	*	*	*	.64	*	*	*	*	*	.35	
VANDALIA									.02	.05	.17	.18	.18	.21	.06	.11	.17	.05	.02						1.22
—28th—																									
QUINCY CAA							*	*	*	*	*	.10													
—31st—																									
CULLOM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOUGLAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUTSONVILLE			.02	.01	.02	.02	.01																		.08
KEWANEE BAKER PARK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAROA SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS WATER WKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRAIRIE DU ROCHER	.01	.01	.01							.01	.01														.05
VANDALIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DELAYED DATA																									
FEBRUARY 1949																									
-3d-																									
AUGUSTA HIGH SCHOOL							.05	.02		.03		.01	.01			.04	.04								.20
COULTERVILLE																.05	.04	.01	.05	.05		.01	.01	.01	.23
DANVILLE WATER WORKS												.02		.01		.01			.01	.04	.01	.02	.01		.13
DOUGLAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENFIELD			.02	.02		.01	.03	.10	.05	.02	.03	.03	.04			.02	.02	.03					.01		.43
HUTSONVILLE															.02	.01	.01		.01		.07	.08			.20
MORRISONVILLE				*	*	*	*	*	.12		.03	.02					.03	.02							.22
-4th-																									
DANVILLE WATER WORKS		.01		.01																					.02
-6th-																									
AUGUSTA HIGH SCHOOL							.04																		.04
DANVILLE WATER WORKS														.05	.03										.08
HUTSONVILLE															.04	.01	.02								.07
MORRISONVILLE										.02	.01														.03
-12th-																									
AUGUSTA HIGH SCHOOL																			.05	.04	.01	.07	.12	.03	.32
DOUGLAS															-	-	-	-	-	-	-	-	-	-	-
HUTSONVILLE																			*	*	*	*	*	*	
-13th-																									
AUGUSTA HIGH SCHOOL	.26	.04																							.30
COULTERVILLE																								.02	.02
DANVILLE WATER WORKS		.02	.01	.02																					.05
GREENFIELD		.05	.03	.03																					.11
HUTSONVILLE	*	*	*	*	*	.45							.01	.02	.01	.01									.50
MORRISONVILLE		.04	.01		.04	.01																			.10
-14th-																									
AUGUSTA HIGH SCHOOL									.03	.11	.05	.01	.06	.04	.03	.02	.03								.38
COULTERVILLE	.10	.03							.08	.21	.02	.36	.12	.04	.04	.03				.05	.74	.61	.25	.17	2.85
DANVILLE WATER WORKS												.05	.04	.09	.07	.16	.07	.09	.04	.24	.48	.21	.21	.10	1.85
GREENFIELD	.01	.01								.28	.04	.08	.05	.12	.16	.07	.08	.19	.03	.12	.11	.02		.01	1.36
HUTSONVILLE								.02	.01						.32	.13	.07	.10	.05	.03					.73
MORRISONVILLE										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
-15th-																									
AUGUSTA HIGH SCHOOL	.01	.01	.02																						.04
DANVILLE WATER WORKS	.08	.01																							.09
GREENFIELD	.01							.02						.02	.02										.07
HUTSONVILLE		.37	.24	.20	.19																				1.00
MORRISONVILLE	*	1.77																							1.77
-21st-																									
AUGUSTA HIGH SCHOOL		.03	.05	.02	.10	.10	.02	.04																	.36
DANVILLE WATER WORKS									.02	.05	.02	.04	.08	.06	.08	.07	.02		.01						.45
GREENFIELD					.02	.14	.09	.12	.06	.12	.08	.10	.01	.01			.02								.77
MORRISONVILLE							.03	.10	.08	.06	.14	.22	.09	.02							.01		.04		.79
-22d-																									
DANVILLE WATER WORKS		.02	.03	.02																					.07
GREENFIELD	.02	.02			.01																				.05
HUTSONVILLE					.01	.09	.04	.01																	.15
MORRISONVILLE			.01	.03																					.04
-24th-																									
COULTERVILLE		.01	.07	.01	.01	.03	.04	.03	.05																.25
DANVILLE WATER WORKS								.02	.03	.02		.02	.08	.03			.02								.22
GREENFIELD		.02	.01		.01	.02		.01	.01	.09	.04	.01													.22
HUTSONVILLE									.03	.02	.03	.04	.02	.01	.02	.03	.03								.23
MORRISONVILLE				.05	.02				.02	.03	.04	.04													.20
-27th																									
AUGUSTA HIGH SCHOOL		.05	.06	.02	.01	.01	.02																		.17
DANVILLE WATER WORKS															.05	.02			.04	.01					.12
GREENFIELD									.01	.04	.04	.02	.02	.01	.01					.01					.16
HUTSONVILLE																.06	.01	.10	.03	.05					.25
MORRISONVILLE											.02	.04	.01	.01						*					.08
-28th-																									
DOUGLAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARCH 1949																									
-1st-																									
DOUGLAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-5th-																									
NEWTON																		.10	.07	.02					.19
-6th-																									
CHICAGO ROSELAND PUMPING STA						.01																			.01
CHICAGO S FILTER PL						.02	.01																		.03
-8th																									
CHICAGO LAKEVIEW PUMP																				.01	.07	.04	.03	.03	.18
CHICAGO MAYFAIR PUMP STA																			.01	.05	.11	.06	.02	.01	.26
CHICAGO ROSELAND PUMP STA																			.04	.12	.11	.04	.01	.01	.33
CHICAGO S FILTER PL						.01	.03	.11	.07	.22	.22	.06													.32
CHICAGO SPRINGFIELD PUMP																			.01	.04	.11	.06	.03	.02	.27
HUDSON LAKE BLOOMINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.14	.14

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

DELAYED DATA

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MARCH 1949 CONTINUED																									
NEWTON													-	-	-	-	-	-	-	-	-	-	-	-	-
-9th-																									
CHICAGO LAKEVIEW PUMP	.01	.02	.01	.02	.01	.01	.02	.01	.01																.12
CHICAGO MAYFAIR PUMP STA	.02	.03	.01		.01	.01	.01	.01	.01																.11
CHICAGO ROSELAND PUMP	.03	.01	.01						.01																.06
CHICAGO S FILTER PL	.05	.02	.02	.01	.01	.02	.02			.01	.01	.02													.19
CHICAGO SPRINGFIELD PUMP	.02	.03	.01		.01	.01	.01	.01																	.10
HUDSON LAKE BLOOMINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	.02
-16th-																									
CHICAGO LAKEVIEW PUMP															.01										.01
CHICAGO S FILTER PL													.01	.01	.01	.02									.05
CHICAGO SPRINGFIELD PUMP														.01											.01
-21st-																									
CHICAGO LAKEVIEW PUMP																					.01		.01	.01	.03
CHICAGO MAYFAIR PUMP STA																					.03	.02		.05	.10
CHICAGO ROSELAND PUMP																							.02	.03	.05
CHICAGO S FILTER PL																							.03	.05	.08
CHICAGO SPRINGFIELD PUMP																			.01			.01	.02	.02	.06
HUDSON LAKE BLOOMINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.34						.34
-22d-																									
CHICAGO LAKEVIEW PUMP	.03	.01	.02	.01	.01	.01	.02	.11	.03	.14	.02	.03	.02	.02	.02										.50
CHICAGO MAYFAIR PUMP STA	.05							.09	.01	.04	.11	.06		.07											.43
CHICAGO ROSELAND PUMP	.07						.06	.02	.02	.02			.01												.20
CHICAGO S FILTER PL	.05						.12	.03	.03	.02	.01		.02												.28
CHICAGO SPRINGFIELD PUMP	.02	.01	.01	.01	.01	.01	.15	.03	.09	.03	.01	.01													.39
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-25th-																									
NEWTON																								.02	.02
HUDSON LAKE BLOOMINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.63						.63
-26th-																									
CHICAGO LAKEVIEW PUMP												.08	.02	.02	.06	.02	.01	.02	.01	.02	.01	.02	.07	.06	.42
CHICAGO MAYFAIR PUMP STA											.02	.13	.04	.01	.07	.03	.01	.01	.01	.01		.01	.01	.04	.40
CHICAGO ROSELAND PUMP											.04	.07	.01	.02	.07								.01	.22	.44
CHICAGO S FILTER PL											.03	.07	.02	.02	.08	.01	.01					.02	.02	.29	.57
CHICAGO SPRINGFIELD PUMP												.08	.06	.02	.06	.02	.01	.01	.01	.01	.01	.01	.11	.03	.44
HUDSON LAKE BLOOMINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.44						.44
NEWTON	.03	.02	.10	.07	.01	.05	.03	.09	.10	.63	.02	.02	.01				.12	.22	.10	.01		.08	.02		1.73
-27th																									
CHICAGO LAKEVIEW PUMP	.03	.03	.02	.03	.02	.02	.03	.01	.03	.02	.01	.02	.01	.01											.29
CHICAGO MAYFAIR PUMP STA	.01	.03	.01	.01	.01	.01	.01																		.09
CHICAGO ROSELAND PUMP	.10	.01																							.11
CHICAGO S FILTER PL	.31	.03	.01																						.35
CHICAGO SPRINGFIELD PUMP	.02	.04	.02	.02	.01	.02	.02	.02	.01	.02	.01	.01													.22
HUDSON LAKE BLOOMINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.09						.09
NEWTON						.01	.01	.01																	.03
-30th-																									
CHICAGO LAKEVIEW PUMP																.09	.12	.02	.10	.30	.03	.25	.13	.30	1.34
CHICAGO MAYFAIR PUMP STA																.09	.12	.02	.10	.36	.04	.16	.08	.26	1.23
CHICAGO ROSELAND PUMP																.01	.19	.02	.08	.22	.02	.09	.67	.54	1.84
CHICAGO S FILTER PL																.02	.13	.02	.05	.15	.09	.12	.39	.37	1.34
CHICAGO SPRINGFIELD PUMP																.09	.12	.02	.10	.30	.03	.28	.13	.30	1.37
HUDSON LAKE BLOOMINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.31						.31
NEWTON								.15	.33	.05	.01	.09	.01												.64
-31st-																									
CHICAGO LAKEVIEW PUMP	.35	.22	.24	.03																				.02	.86
CHICAGO MAYFAIR PUMP STA	.20	.41	.26	.03	.01	.01	.02	.01	.01	.01	.01	.02												.01	1.01
CHICAGO ROSELAND PUMP	.07	.10	.04	.01																					.22
CHICAGO S FILTER PL	.07	.04	.06																						.17
CHICAGO SPRINGFIELD PUMP	.38	.24	.24	.03																				.01	.90
DOUGLAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUDSON LAKE BLOOMINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.07						.07
APRIL 1949																									
-2d-																									
PARIS SEWAGE PLANT										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRAIRIE DU ROCHER W WORKS																								.02	.02
-3d-																									
COULTERVILLE									.02	.05	.04	.06	.01												.18
PRAIRIE DU ROCHER W WORKS	.01	.01	.01		.02	.01	.02	.07	.06	.05	.05	.02	.08	.01											.42
-4th-																									
AUGUSTA HIGH SCHOOL																			.01						.01
-5th-																									
COULTERVILLE																				.03					.03
-6th-																									
PRAIRIE DU ROCHER W WORKS																		.04							.04
-7th-																									
COULTERVILLE															.07										.07
PRAIRIE DU ROCHER W WORKS			.01	.01																					.02

See reference notes following Station Index.

HOURLY PRECIPITATION

DELAYED DATA

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
APRIL 1949 CONTINUED																									
—10th—																									
AUGUSTA HIGH SCHOOL															.08				.06						.14
PRAIRIE DU ROCHER W WORKS											.02	.03													.05
—14th—																									
AUGUSTA HIGH SCHOOL										.25	.13	.02	.08		.12		.10								.70
COULTERVILLE									.26				.02	.01											.29
PRAIRIE DU ROCHER W WORKS								.05	.01																.06
—15th—																									
AUGUSTA HIGH SCHOOL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05						.05
—16th—																									
PRAIRIE DU ROCHER W WORKS																-	-	-	-	-	-	-	-	-	-
—21st—																									
AUGUSTA HIGH SCHOOL																						*	*	*	*
—22d—																									
AUGUSTA HIGH SCHOOL	*	*	*	*	*	*	*	.35										.12	.08	.10					.65
COULTERVILLE	.03	.01															.04								.08
—26th—																									
AUGUSTA HIGH SCHOOL											.05	.04	.03	.01	.02	.01	.01								.17
COULTERVILLE									.09	.22	.16	.05	.02		.02	.03	.19	.17	.25	.07	.03		.30	.22	1.82
—27th																									
COULTERVILLE	.03	.01																							.04
—30th—																									
PARIS SEWAGE PL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRAIRIE DU ROCHER W WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY 1949																									
—1st—																									
BELLEVILLE SCOTT AF BSE																	.10								.10
CARPENTER 1 SW															.10	.11									.21
CHICAGO LAKEVIEW PUMP											.03	.19	.06	.04	.05										.37
CHICAGO MAYFAIR PUMP ST												.20	.06	.10	.04										.40
CHICAGO ROSELAND PUMP											.01	.27		.03	.15					.03					.49
CHICAGO S FILTER PL												.20	.01		.16					.04					.41
CHICAGO SPRINGFIELD PUMP												.20	.01	.05	.03										.29
COULTERVILLE						.10	.01																		.11
DANVILLE WATER WORKS																			.19	.05		.01			.25
DOUGLAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANKAKEE SEWAGE PLANT																			.02						.02
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
PARIS SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRAIRIE DU ROCHER W WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—8th																									
BELLEVILLE SCOTT AF BSE																	.02				.12	.08			.22
CARPENTER 1SW																					.43	.07			.50
COULTERVILLE																					.11	.16			.27
—9th—																									
BELLEVILLE SCOTT AF BSE						.02				.01						.18	.07								.28
CARPENTER 1 SW											.05	.75		.04	1.17	.17	.06								2.24
CHICAGO ROSELAND PUMP															.01										.01
CHICAGO S FILTER PL													.01												.01
COULTERVILLE													.03			.25	.03								.31
DANVILLE WATER WKS												-	-	-	-	-	-	-							
—10th—																									
BELLEVILLE SCOTT AF BSE		.01	.02	.02	.03	.02	.01			.01	.01														.13
COULTERVILLE			.01	.02	.02	.02	.01	.02																	.10
—12th—																									
BELLEVILLE SCOTT AF BSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—13th—																									
CHICAGO SPRINGFIELD PUMP													.05												.05
—14th—																									
CHICAGO LAKEVIEW PUMP																					.01				.01
CHICAGO MAYFAIR PUMP STA									.01																.01
DANVILLE WATER WKS						-	-	-	-	-	-	-	-	-	-	.05			.03	.11	.08				
KANKAKEE SEWAGE PL																			.26	.02					.28
—15th—																									
CHICAGO LAKEVIEW PUMP								.03	.02						.01										.06
CHICAGO MAYFAIR PUMP STA															.02										.02
CHICAGO ROSELAND PUMP														.07	.21										.28
CHICAGO S FILTER PL															.07										.07
CHICAGO SPRINGFIELD PUMP									.01																.01
DANVILLE WATER WKS																.14	.26	.15							.55
KANKAKEE SEWAGE PLANT														.38		.84		.01	.01						1.22
—16th—																									
CHICAGO LAKEVIEW PUMP					.02										.01	.01								.08	.12
CHICAGO MAYFAIR PUMP	.01																.02	.03							.06
CHICAGO ROSELAND PUMP													.01	.04										.01	.06

See reference notes following Station Index.

DELAYED DATA

MAY 1949 CONTINUED

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO S FILTER PL														.02											.02
CHICAGO SPRINGFIELD PUMP					.02																				.02
DANVILLE WATER WKS							.02		.01	.01															.04
KANKAKEE SEWAGE PLANT									.01			.05		.01											.07
–17th–																									
CHICAGO LAKEVIEW PUMP	.05	.04															.01	.01							.11
CHICAGO MAYFAIR PUMP STA		.02										.01					.02	.02							.07
CHICAGO ROSELAND PUMP	.09																								.09
CHICAGO S FILTER PL	.07																								.07
CHICAGO SPRINGFIELD PUMP	.02	.02															.02	.03							.09
–18th–																									
CHICAGO LAKEVIEW PUMP					.01						.03	.03	.01	.02											.10
CHICAGO MAYFAIR PUMP STA								.01				.02	.03	.04											.10
CHICAGO ROSELAND PUMP						.04					.06	.02	.01	.01											.14
CHICAGO S FILTER PL											.08	.02	.01	.02											.13
CHICAGO SPRINGFIELD PUMP							.01					.03		.02											.06
DANVILLE WATER WKS															.09										.09
KANKAKEE SEWAGE PLANT											.02		.01	.01											.04
–19th–																									
CARPENTER 1 SW								.26	.15	.03		.03													.47
CHICAGO LAKEVIEW PUMP											.03	.03	.47	.16	.09	.02		.02	.01			.02			.85
CHICAGO MAYFAIR PUMP STA					.04	.04							.46	.40	.13		.01	.02	.03		.01		.01	.01	1.16
CHICAGO ROSELAND PUMP											.14	.59	.30	.21	.02	.09	.02	.03	.01	.01				.01	1.43
CHICAGO S FILTER PL											.13	.30	.27	.13	.07	.03	.02	.02	.01	.01		.01		.01	1.01
CHICAGO SPRINGFIELD PUMP										.01	.06	.05	.24	.23	.13	.04	.02	.03	.02	.01					.84
DANVILLE WATER WKS									.02	.03	.12	.04	.01	.63	.01	.01	.03								.90
KANKAKEE SEWAGE PLANT										.23	.26	.09	.07							.02	.03	.01			.71
–20th–																									
CHICAGO MAYFAIR PUMP STA			.01																						.01
CHICAGO ROSELAND PUMP				.02																					.02
CHICAGO S FILTER PL	.01	.01																							.02
CHICAGO SPRINGFIELD PUMP	.01																								.01
–21st–																									
CARPENTER 1 SW						.02	.02	.15	.01	.03		.01	.01					.73	.97	.13			.01	.01	2.10
CHICAGO LAKEVIEW PUMP																						.02	.03	.03	.08
CHICAGO MAYFAIR PUMP STA																							.01		.01
CHICAGO ROSELAND PUMP																				.04	.02	.04	.04	.13	.27
CHICAGO S FILTER PL																					.06		.05	.16	.27
CHICAGO SPRINGFIELD PUMP																							.04	.01	.05
COULTERVILLE							.70	.17	.03																.90
DANVILLE WATER WKS													*	*	*	*	*	*	.05		.30	.10	.11		.56
KANKAKEE SEWAGE PLANT																			.03			.02			.05
–22d–																									
CARPENTER 1 SW	.01				.02																				.03
CHICAGO LAKEVIEW PUMP		.01																							.01
CHICAGO ROSELAND PUMP	.01							.01		.01															.03
CHICAGO S FILTER PL									.13																.13
CHICAGO SPRINGFIELD PUMP									.02																.02
COULTERVILLE		.09																							.09
DANVILLE WATER WKS	.22									.04															.26
KANKAKEE SEWAGE PLANT					.06	.02			.02	.10															.20
–23d–																									
CARPENTER 1 SW																				.15	.08				.23
CHICAGO SPRINGFIELD PUMP																	.01								.01
COULTERVILLE																						.15			.15
DANVILLE WATER WKS														.32	.10	.20	.30	.05	.06		.02		.01		1.06
KANKAKEE SEWAGE PLANT													.10												.10
–24th–																									
CARPENTER 1 SW	.01	.01																							.02
CHICAGO ROSELAND PUMP	.01	.02																							.03
CHICAGO S FILTER PL		.02																							.02
CHICAGO SPRINGFIELD PUMP	.01																								.01
COULTERVILLE		.08	.07	.03	.10	.13	.17	.10	.01																.69
–25th–																									
CARPENTER 1 SW																				.08	.04	.02			.36
CHICAGO ROSELAND PUMP																			.10						.10
CHICAGO S FILTER PL																			.17						.17
COULTERVILLE																			–	–	–	–	–	–	
DANVILLE WATER WKS															.01	.04	.01					.15	.08		.29
KANKAKEE SEWAGE PLANT													*	*	*	*	*	*	*	*	*	*	*	.07	.07
–31st–																									
BELLEVILLE SCOTT AF BSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DOUGLAS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NEWTON	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PARIS SEWAGE PLANT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PRAIRIE DU ROCHER W WORKS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	83	79	86	85	80	88	80	76	79	87	85	88	83	77	81	85	85	90	89	90	85	86	82	86	87	89	90	86	90	94		85.0
	MIN	68	64	67	64	58	60	55	45	54	60	65	62	70	66	56	58	61	65	69	67	68	60	65	65	68	73	66	67	67	72		63.5
ALTON DAM 26	MAX	79	82		90	88	91	84	82	80	84	93	91	81	80	82	86	83	92	89	89	89	92	92	90	88	87	97	94	96	99		87.9
	MIN	63	64	63	67	66	63	64	53	57	62	66	67	68	68	59	62	59	63	67	67	70	66	65	68	74	76	72	70	69	72		65.7
ANNA	MAX	74	84	88	84	85	81	88	82	83	79	84	85	82	79	78	82	83	88	84	86	88	88	89	83	88	89	87	92	93	94		85.0
	MIN	53	62	64	64	65	60	62	60	56	68	68	68	68	70	63	55	60	57	64	64	67	68	61	65	71	70	70	73	69	72		65.2
ANTIOCH	MAX	84	83	85	85	80	80	70	64	70	81	90	89	85	77	73	71	78	82	84	87	82	82	82	84	82	85	86	85	84	90		81.3
	MIN	56	67	68	57	54	59	49	39	46	50	65	70	68	58	55	54	60	62	61	67	69	61	67	65	68	69	66	65	68	63		60.9
AURORA COLLEGE	MAX	88	83	85	85	82	85	73	72	77	89	90	89	89	78	76	75	81	87	88	88	87	85	85	96	87	86	90	91	90	94		85.0
	MIN	59	66	67	57	53	49	50	42	50	51	62	61	70	67	57	50	68	63	59	62	69	57	60	61	69	70	69	66	69	65		60.6
BELLEVILLE SCOTT AF	MAX	79	82	87	88	82	83	85	82	81	82	87	87	81	81	82	81	80	88	87	89	87	86	90	88	88	88	92	92	91	95		85.7
	MIN	65	65	63	68	68	65	64	55	56	64	66	67	70	67	64	60	63	68	68	68	72	68	67	69	74	72	72	74	71	74		66.9
BLOOMINGTON NORMAL	MAX	88	84	88	87	81	88	88	76	80	85	87	86	83	78	78	78	78	85	90	90	85	86	87	92	90	86	92	93	86	95		85.7
	MIN	65	68	69	64	62	57	55	44	50	60	67	67	71	70	59	56	63	65	67	70	71	60	68	67	71	74	70	71	70	71		64.7
CAIRO WB CITY	MAX	77	88	89	86	88	85	90	85	86	80	87	81	85	78	81	84	84	85	83	87	90	89	92	87	89	94	91	92	93	94		86.7
	MIN	66	66	67	68	70	67	68	66	63	69	71	72	72	70	66	60	65	69	68	70	73	68	71	76	73	72	76	73	72	76		69.4
CARBONDALE SEWAGE PL	MAX	83	86	90	87	87	85	88	84	85	81	89	86	83	81	77	83	84	87	87	88	89	87	78	75	89	90	90	93	94	94		86.0
	MIN	64	65	64	66	66	59	60	61	54	66	68	68	70	72	64	55	51	68	64	64	69	67	61	64	69	69	71	74	70	71		65.1
CARLINVILLE 4 E	MAX	80	80	85	88	83	84	83	81	84	87	89	86	85	81	78	82	79	88	89	89	87	89	91	91	92	89	96	96	91	96		86.6
	MIN	59	65	69	64	63	59	61	51	52	52	61	67	69	62	62	52	56	62	62	66	72	60	63	64	72	71	72	70	66	69		63.1
CARLYLE	MAX	94	93	93	90	86	87	85	87	83	82	86	86	83	83	78	81	78	85	88	89	88	87	92	89	90	90	92	94	89	94		87.4
	MIN	64	65	65	64	60	61	62	56	57	64	65	66	69	61	62	55	59	66	65	67	60	64	62	65	71	68	71	72	69	70		64.2
CHARLESTON	MAX	88	84	92	89	86	88	76					83	79	76	75	71	79	86	90	88	89	90	91	92			93	94	91	96		86.1
	MIN	60	65	65	64	62	57	57					57	69	70	61	56	65	64	65	66	70	66	63	66			69	73	69	70		64.5
CHICAGO UNIVERSITY	MAX	87	84	78	82	72	81	60	62	65	76	85	89	82	79	68	64	72	75	80	88	81	80	83	84	85	88	80	90	81	86		78.9
	MIN	64	72	70	69	52	58	52	53	56	57	66	70	71	62	58	59	62	63	65	72	66	64	69	71	72	75	72	71	71	69		65.4
CHICAGO WB AIRPORT	MAX	90	85	84	86	76	86	62	70	73	84	91	92	84	79	73	70	80	84	92	91	87	85	85	91	87	88	88	92	87	95		83.9
	MIN	61	68	67	63	60	57	50	50	54	55	65	68	70	62	58	57	64	65	65	71	67	62	67	70	72	74	71	71	70	67		64.0
CHICAGO WB CITY	MAX	86	84	78	82	72	85	65	61	65	77	85	90	82	80	71	65	74	76	79	90	82	81	84	84	87	89	85	93	83	87		80.1
	MIN	67	72	70	69	62	62	52	52	56	60	68	72	72	62	59	61	62	65	66	76	69	69	72	72	73	76	72	73	72	73		66.9
CICERO	MAX	90	84	86	88	84	86	65	70	74	84	92	93	84	80	75	70	80	84	91	91	88	85	84	91	86	90	90	94	89	94		84.7
	MIN	60	68	68	61	59	56	52	49	54	55	63	68	71	69	58	57	63	64	65	70	71	61	66	69	70	73	70	70	73	67		64.0
DANVILLE	MAX	84	88	93	89	82	87	79	74	80	81	88	88	84	82	74	73	80	86	90	87	85	85	89	92	94	95	92	99	87	94		86.0
	MIN	57	55	67	61	52	51	50	45	46	54	65	67	68	70	59	57	64	65	63	67	70	64	59	67	71	73	70	74	68	69		62.6
DECATUR	MAX	85	81	90	88	86	88	82	80	84	81	86	81	81	81	75	80	78	90	90	90	88	90	90	92	94	88	95	96	90	96		86.5
	MIN	66	66	68	65	61	56	56	48	53	59	66	67	70	69	60	53	64	64	66	68	71	60	67	68	73	72	70	72	69	72		64.6
DIXON	MAX	88	85	89	89	83	89	86	75	80	89	90	90	86	78	70	80	81	90	89	90	89	88	85	86	87	85	90	89	90	94		86.0
	MIN	62	68	68	56	51	52	49	42	50	54	60	67	68	68	55	54	63	61	66	67	69	56	66	66	66	71	70	65	67	68		61.5
DU QUOIN	MAX	80	86	89	89	88	85	89	85	85	80	80	86	80	81	77	82	82	88	88	88	86	88	90	85	88	91	90	95	93	95		86.3
	MIN	65	63	65	66	65	61	64	61	57	66	68	68	70	71	64	56	61	68	67	67	69	68	63	67	72	71	71	72	71	70		66.2
EAST ST LOUIS	MAX	84	84	88	90	87	85	87	85	83	84	88	89	82	82	80	85	81	90	88	90	90	90	92	90	90	87	93	95	96	98		87.8
	MIN	65	60	65	68	70	65	66	57	59	63	67	69	70	70	65	59	62	66	68	68	71	68	68	70	74	73	72	75	70	74		67.2
EFFINGHAM CAA	MAX	84	85	88	88	84	84	80	78	80	82	82	82	79	80	72	79	79	85	86	86	87	87	88	89	91	88	90	92	90	93		84.6
	MIN	62	65	66	65	60	55	56	49	52	63	64	66	68	70	59	56	65	66	63	66	69	65	62	66	71	66	74	70	70	71		64.0
ELIZABETHTOWN	MAX	83	89	91	90	87	85	89	85	86	82	86	85	83	82	73	83	80	87	84	86	89	88	89	89	90	89	93	93	93			86.6
	MIN	62	63	63	64	62	59	61	62	58	70	68	69	70	70	65	59	67	67	63	66	61	70	61	65	73	69	71	74	70	71		65.8
FAIRFIELD	MAX	81	85	89	82	85	81	85	79	85	88	80	80	80	79	79	73	75	84	81	81	83	83	86	90	85	90	89	91	89	91		83.6
	MIN	63	64	64	67	65	52	58	52	56	62	69	66	70	75	62	55	65	67	66	66	68	69	63	66	74	70	70	70		74		65.1
FLORA	MAX	85	90	91	89	87	85	85	84	85	85	83	80	83	79	74	78	85	88	88	88	88	82	90	90	90	93	92	94	91	93		86.4
	MIN	61	61	65	65	62	60	61	52	52	63	65	63	68	69	68	56	63	65	63	64	67	61	61	63	70	68	68	72	68	70		63.8
FREEPORT	MAX	86	82	87	86	80	86	74	78	83	90	91	89	84	73	80	83	80	90	88	89	85	87	81	85	84	86	88	83	90	92		84.7
	MIN	58	65	62	50	45	54	45	37	48	53	56	63	68	60	55	51	62	59	67	67	67	55	65	64	67	69	69	65	63	67		59.2
GALESBURG	MAX	80	78	88	86	81	87	77	77	81	89	87	88	80	76	81	83	83	90	89	89	83	88	81	87	86	80	90	82	90	94		84.4
	MIN	67	65	70	65	62	61	56	48	54	64	67	67	70	64	59	60	61	67	70	69	68	60	66	65	72	70	73	70	69	72		65.0
GALVA	MAX	85	80	87	86	81	88	82	78	80	89	89	91	79	78	80	81	83	88	89	91	85	87	83	89	87	83	92	89	91	95		85.5
	MIN	63	65	69	61	57	58	54	43	51	58	64	65	66	63	57	58	60	64	68	67	63	60	65	65	68	72	67	68	67	70		62.5
GOLCONDA DAM 51	MAX	76	86	92	84	84	85	86	82	83	78	86	82	80	76	73	75	85	80	84	85	81	86	89	87	88	90	88	90	90	92		84.1
	MIN	66	64	62	64	64	60	62	62	61	70	68	68	70	67	61	55	59	65	63	66	70	66	61	65	71	69	69	71	69	72		65.3
GREENVILLE	MAX	79	82	86	86	83	82	82	80	80	78	85	84	79	80	76	79	75	85	85	87	84	85	88	89	89	87	89	90	86	92		83.7
	MIN	64	64	64	68	62	65	64	52	55	65	66	66	69	69	62	58	62	67	67	67	70	65	65	67	72	74	69	72	69	72		65.7
GRIGGSVILLE	MAX	81	80	84	85	83	86	84	81	79	84	90	89	83	81	81	85	87	89	89	91	87	81	78		90	88	94	91	90	96		85.8
	MIN	60	61	63	65	60	64	57	47	52	60	63	63	63	65	59	58	58	60	65	60	66	59	58	64	66	71	68	67	66	71		62.0
HARRISBURG	MAX	83	91	93	92	87	85	90	85	88	85	90	87	85	80	75	77	79	87	88	90	88	90	92	90	92	94	96	96	99	104		88.6
	MIN	62	63	61	64	64	58	60	61	55	70	68	69	71	70	65	55	59	67	67	67	68	68	68	78	78	72		76		83		66.7
HAVANA	MAX	83	79	87	86	83	87	82	78	83	87	88	92	83	78	80	82	82	89	90	90	86	89	84	90	91	84	94	91	92	99		86.3
	MIN	66	66	71	68	64	61	58	47	54	62	68	65	70	70	60	60	62	64	67	69	71	60	67	66	74	71	67	69	69	72		65.3
HENRY	MAX	87	79	89	91	85	91	79	78	83	90	90	92	83	75	77	81	81	87	88	89	86	88	81	90	88	85	92	93	91	95		86.1
	MIN	65	69	72	60	57	56	52	43	51	57	66	69	70	68	57	56	65	65	67	68	72	60	58	67	70	76	72	70	70	70		64.3
HILLSBORO	MAX	80	80	88	87	85	84	82	79	79	83	86	84	79	79	76	81	83	87	88	88	86	88	90	90	89	85	91	93	89	94		85.1
	MIN	65	65	65	65	64	61	63	51	56	62	66	67	70	70	62	57	52	57	57	58	62	62	64	68	75	76	72	71	68	72		64.1
HOOPESTON	MAX	85	83	90	87	83	86	76	73	80	83	87	87	83	82	75	72	78	86	90	88	88	86	86	94	92	90	90	95	87	93		85.2
	MIN	60	65	66	61	59	50	52	44	49	59	65	65	68	70	59	55	64	61	66	66	69	61	59	66	71	68	70	72	68	71		62.6
JACKSONVILLE	MAX	82	80	85	87	85	88	85	79	81	82	89	90	88	80	82	84	84	89	90	90	86	91	92	91	90	87	94	93	91	98		87.1
	MIN	64	66	66	66	62	61	59	50	53	60	66	66	70	68	61	57	58	62	65	67	70	59	57	65	74	76	69	71	68	71		64.6
JOLIET WB AIRPORT	MAX	88	83	85	87	82	88	65	75	80	90	91	90	82	78	75	74	79	87	89	89	86	87	81	93	87	90	96	92	90	96		85.2
	MIN	59	67	62	57	54	49	41	40	52	53	61	66	68	60	59	56	65	64	63	68	63	59	65	68	72	73	69	69	69	66		61.2
KANKAKEE	MAX	82	82	87	85	83	86	70	72	78	88	85	86	80	80	75	71	77	83	88	87	87	84	84	92	87	87	91	92	89	95		83.8
	MIN	59	66	62	62	64	55	53	44	49	56	64	67	70	69	58	56	63	64	60	70	71	68	65	68	72	73	71	71	68	71		63.5
KANKAKEE 4 W	MAX	86	82	86	85	83	87	72	72	77	87	87	88	81	78	76	69	75	84	87	86	84	83	83	90	85	87	89	90	87	92		83.3
	MIN	58	65	68	59	57	54	51	43	47	55	63	66	69	68	58	55	62	62	65	69	70	60	64	67	71	70	69	67	71	67		62.3
KEWANEE	MAX	85	79	87	86	81	87	73	75	80	89	89	89	79	78	78	80	84	85	88	88	84	85	80	88	86	82	90	88	90	94		84.4
	MIN	61	64	69	61	57	53	50	40	53	58	61	63	64	66		53	59	64	64	63	60	60	63	63	63	64	66	66	65	63		60.6
LA HARPE	MAX	85	83	91	85	82	88	86	78	84	87	89	88	83	78	81	85	88	91	91	91	88	89	85	89	89	83	91	88	91	95		86.7
	MIN	65	63	66	65	59	61	55	47	57	60	63	65	68	68	68	58	59	63	67	65	67	60	66	65	62	68	66	66	67	71		63.3
LA SALLE	MAX	94	85	91	91	85	92	75	83	87	96	93	95	84	77	79	82	85	90	94	93	86	90	84	94	90	87	94	93	94	98		88.7
	MIN	63	69	73	58	56	53	50	43	53	56	66	68	70	68	59	56	65	65	67	69	72	60	68	67	70	74	72	69	70	70		64.0
LINCOLN	MAX	85	80	90	90	88	90	84	80	84	87	92	87	82	80	76	83	78	87	89	90	87	89	88	93	92	87	95	95	91	96		87.2
	MIN	64	67	67	64	58	58	56	48	53	61	67	66	70	70	60	57	61	65	66	69	72	60	68	66	73	75	70	71	68	72		64.7
MARENGO	MAX	92	86	87	87	81	87	74	78	83	90	96	96	83	75	78	81	85	91	91	92	85	87	82	90	85	87	91	91	91	95		86.6
	MIN	51	66	66	55	50	55	48	34	44	47	57	67	67	64	55	53	61	61	63	67	69	59	65	64	67	69	64	66	67	62		59.4
MATTOON	MAX	87	83	90	87	83	84	80	76	81	83	82	82	79	79	72	74	77	84	87	85	87	85	88	90	90	90	91	94	89	94		84.4
	MIN	64	62	67	65	60	56	54	48	51	62	67	67	70	68	59	56	65	64	64	67	71	66	62	66	70	70	70	71	70	69		64.0
MC LEANSBORO	MAX	86	90	93	91	87	85	89	86	88	87	87	83	82	80	76	78	80	87	88	88	88	91	91	90	88	91	92	94	94	95		87.5
	MIN	63	64	65	67	60	62	64	59	57	69	68	67	71	70	64	58	62	68	66	67	68	71	63	67	73	71	71	74	72	74		66.5
MINONK	MAX	90	82	89	87	81	87	81	77	81	91	88	89	80	79	75	77	78	87	89	88	85	85	80	90	85	84	89	92	89	92		84.9
	MIN	61	67	68	63	58	55	53	41	49	57	63	62	63	69	58	57	61	64	67	67	56	59	65	64	69	72	68	68	69	70		62.1
MOLINE WB AIRPORT	MAX	82	79	84	84	79	85	75	76	80	88	88	90	82	75	80	81	84	88	90	91	83	86	82	87	86	84	91	80	89	96		84.2
	MIN	66	65	66	61	56	60	53	44	51	62	67	66	70	62	57	55	62	63	68	68	65	66	65	66	69	72	68	69	66	74		63.1
MONMOUTH	MAX	83	76	86	85	84	87	80	77	78	88	84	88	84	79	81	83	83	90	88	89	87	85	84	87	85	87	90	87	87	94		84.9
	MIN	67	66	67	63	60	61	56	46	53	61	65	64	64	67	58	56	60	64	66	65	67	59	65	69	66	66	67	66	71			63.0

See reference notes following Station Index.

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MORRIS 3 NE	MAX	89	85	86	86	86	87	76	74	79	90	90	90	86	78	77	74	79	86	89	89	86	86	83	92	91	87	92	92	89	94		85.6
	MIN	57	58	70	57	56	54	49	38	49	51	63	67	70	58	59	55	64	62	63	69	72	59	67	67	71	74	69	68	70	67		62.4
MORRISON	MAX	87	81	86	86	81	88	79	77	82	91	91	93	90	75	81	84	85	92	92	93	86	90	84	88	86	86	91	87	91	97		86.7
	MIN	61	63	66	56	50	54	49	40	49	55	60	60	68	60	54	53	60	60	65	64	62	57	63	64	67	71	68	65	65	68		59.9
MORRISONVILLE 1 E	MAX	82	80	89	88	85	85	82	78	81	81	87	85	85	81	75	82	76	87	87	89	87	89	91	91	93	90	96	95	90	96		86.1
	MIN	60	62	60	60	57	54	67	45	48	57	62	63	65	66	57	50	55	61	63	63	67	55	59	64	67	69	67	67	64	66		60.7
MT CARMEL	MAX	89	92	94	92	87	89	89	86	89	87	85	85	83	82	75	72	82	87	90	89	88	89	91	92	90	91	91	97	96	96		88.2
	MIN	62	63	67	67	67	67	67	56	55	67	69	68	70	70	63	60	65	66	65	67	68	70	63	67	70	70	70	73	71	73		66.5
MOUNT CARROLL	MAX	85	79	84	83	79	84	77	75	83	90	89	90	86	75	80	83	83	90	89	90	86	86	83	87	84	84	89	87	90	93		84.8
	MIN	61	64	66	45	50	53	47	38	50	55	57	66	66	63	56	53	62	60	66	70	68	57	65	65	68	71	69	67	65	69		60.4
MT VERNON	MAX	90	91	91	91	87	87	90	87	87	84	85	87	81	83	75	81	80	88	91	92	89	90	94	90	90	90	92	93	95	91	96	87.9
	MIN	60	58	59	63	61	57	60	53	54	62	64	63	65	67	59	53	59	63	62	61	64	63	60	59	67	66	66	69	65	67		61.6
NEW BURNSIDE	MAX	76	85	89	86	83	82	87	81	82	80	84	81	80	77	74	78	81	84	83	86	83	87	88	89	86	89	86	94	91	92		84.1
	MIN	63	63	62	63	62	57	60	59	53	68	66	67	69	68	63	55	56	66	60	65	66	65	60	64	71	70	69	72	68	69		64.0
NEWTON	MAX	85	85	94	90	87	89	85	83	86	84	88	84	83	83	77	82	80	90	85	87	90	92	91	93	94	90	91	94	94	96		87.7
	MIN	63	69	71	66	63	59	59	50	58	62	69	69	71	70	63	57	65	63	65	68	72	64	69	71	75	76	72	72	71	74		66.5
OLNEY	MAX	87	90	90	92	85	85	84	80	84	86	84	85	79	81	72	78	80	83	87	88	87	85	90	93	88	94	90	94	89	92		86.1
	MIN	62	65	66	65	64	57	64	55	55	62	67	66	70	70	60	58	66	67	67	65	69	68	62	67	72	71	70	74	72	72		65.6
OTTAWA	MAX	89	82	89	91	85	91	73	78	82	92	90	89	80	75	76	78	79	87	90	91	87	90	81	91	89	85	95	94	92	96		86.2
	MIN	60	69	73	60	58	55	52	42	51	55	65	68	70	69	59	56	66	65	66	66	72	61	68	67	70	74	71	68	70	70		63.9
PALESTINE	MAX	88	92	92	93	87	88	85	81	86	90	83	80	84	81	73	70	80	83	91	91	91	87	86	90	94	89	93	91	95	90		86.8
	MIN	61	63	63	64	61	54	64	55	50	69	68	67	69	70	62	59	65	62	65	66	74	72	69	60	66	70	73	69	71	70		65.0
PANA	MAX	85	81	94	93	88	90	84	81	85	86	91	84	85	83	77	82	83	89	93	92	90	90	94	95	93	90	97	99	93	100		88.9
	MIN	61	64	65	64	62	60	55	48	51	62	64	66	69	69	59	55	62	65	66	67	69	61	63	66	70	74	69	72	67	70		63.8
PARIS WATER WORKS	MAX	82	86	89	90	84	85	80	79	84	78	82	85	80	80	86	76	81	85	90	89	87	86	88	89	90	91	90	95	89	94		85.7
	MIN	60	64	65	69	62	54	59	49	49	60	67	67	68	70	60	58	65	63	65	68	69	66	63	66	70	70	69	71	69	70		64.2
PEORIA WB AIRPORT	MAX	83	80	87	86	82	88	77	78	81	87	85	90	81	75	77	82	80	88	89	89	86	88	83	90	89	84	92	89	91	95		85.1
	MIN	66	67	67	64	62	58	50	48	55	61	66	66	71	61	59	58	62	64	68	70	66	63	67	66	70	72	68	70	70	73		64.3
PONTIAC	MAX	87	81	86	85	82	86	74	74	79	87	85	84	79	77	76	75	76	84	85	86	86	85	82	89	86	85	88	91	87	91		83.3
	MIN	61	67	67	64	59	55	54	45	50	58	64	65	69	69	59	56	64	65	67	69	71	61	66	67	69	74	70	70	70	69		63.8
QUINCY	MAX	86	79	83	86	85	88	82	76	76	80	89	94	85	78	83	86	91	93	91	95	87	89	88	90	91	85	94	87	92	100		87.0
	MIN	64	62	66	66	63	67	59	53	58	62	65	68	70	68	63	61	63	66	71	70	67	61	66	66	69	69	71	69	69	76		65.6
QUINCY CAA	MAX	81	76	81	84	81	85	80	74	79	84	87	90	82	81	80	84	87	92	92	91	85	90	84	88	88	81	89	89	92	94		85.0
	MIN	62	62	64	65	61	63	58	51	55	60	65	65	69	63	61	59	61	64	68	66	65	58	66	66	69	69	69	68	67	75		63.8
RANTOUL CHANUTE AF	MAX	87	81	90	87	82	86	76	76	79	80	81	85	79	79	72	71	79	86	90	89	85	87	86	94	91	88	91	95	90	92		84.5
	MIN	60	64	66	68	63	60	49	48	50	59	66	65	69	68	59	58	64	64	68	67	71	64	65	69	72	71	70	71	71	74		64.4
ROBERTS 3 N	MAX	86	81	87	84	81	85	75	72	83	86		87	84	79	75	75	75	84	87	86	85	84	85	92	87	85	89	93	89	93		83.9
	MIN	57	64	65	62	59	53	52	41	46	56	64	65	69	68	58	54	63	63	66	67	69	60	63	66	70	72	70	70	69	69		62.3
ROCKFORD	MAX	89	84	88	88	80	87	80	77	82	90	92	92	88	79	79	81	82	90	90	92	87	86	83	85	85	88	90	89	90	94		86.2
	MIN	60	68	67	58	52	55	51	40	50	53	61	68	67	68	50	55	61	64	67	68	70	58	68	65	68	70	66	66	67	67		61.6
ROCKFORD CAA	MAX	89	85	87	87	80	85	71	74	80	87	91	91	86	78	78	80	81	88	88	90	84	86	81	85	85	86	91	88	90	92		84.8
	MIN	59	67	60	56	50	54	44	40	50	55	59	68	67	58	56	55	60	63	66	68	63	58	65	66	68	70	65	65	66	66		60.2
RUSHVILLE	MAX	81	78	85	86	84	87	83	77	81	80	88	89	79	79	92	84	86	90	90	91	85	89	85	89	89	83	92	88	92	96		85.9
	MIN	64	65	67	68	60	59	58	49	55	55	68	65	68	64	59	58	60	63	66	65	67	58	67	64	72	74	66	68	67	72		63.7
SPARTA	MAX	82	86	87	88	85	81	87	84	87	82	86	85	81	80	78	87	80	88	86	88	85	88	89	85	89	91	91	93	93	95		86.2
	MIN	63	65	62	63	68	63	64	58	56	67	66	69	69	70	63	57	60	68	66	65	70	65	63	65	70	70	70	72	70	73		65.7
SPRINGFIELD WB AIRPORT	MAX	82	80	86	87	84	85	81	80	82	82	86	85	81	80	76	80	77	85	88	88	85	88	90	89	90	87	92	93	90	95		85.1
	MIN	65	68	65	64	62	61	53	49	52	63	68	68	70	64	61	57	59	63	64	70	68	60	68	66	75	72	69	69	69	72		64.5
SPRINGFIELD WB CITY	MAX	85	81	89	89	84	86	83	80	83	83	86	87	83	81	76	82	77	87	89	90	87	88	91	92	92	87	95	95	90	97		86.5
	MIN	67	68	68	69	66	67	55	50	57	64	69	69	72	65	62	62	62	68	69	70	73	66	70	68	75	74	72	72	71	76		67.2
STOCKTON	MAX	82	80	81	81	78	80	75	73	79	87	90	88	86	72	77	80	81	88	88	90	87	85	81	82	83	84	87	86	87	92		83.0
	MIN	57	62	62	58	50	59	47	38	46	54	61	66	66	60	54	51	60	62	65	68	66	59	63	63	65	70	68	64	61	67		59.7
SYCAMORE	MAX	88	84	85	84	79	85	76	73	80	89	91	91	81	75	76	76	82	88	89	90	84	88	82	89	85	86	92	91	90	95		84.8
	MIN	57	64	64	56	51	52	49	49	47	51	60	65	69	62	55	53	62	62	65	66	69	57	65	64	67	69	68	64	68	65		60.5
TABLE GROVE	MAX	79	79	85	85	82	87	80	78	82	86	88	90	85	78	80	82	85	89	90	89	84	89	82	89	89	82	92	87	90	95		85.3
	MIN	66	65	69	68	61	63	57	47	55	62	67	66	68	67	59	61	61	65	68	68	69	62	66	64	70	72	69	75	70	73		65.1
TUSCOLA	MAX	87	83	90	89	85	88	83	77	84	78	87	91	80	78	76	74	80	87	87	86	89	89	88	90	90	88	94	94	91	96		85.6
	MIN	62	63	58	64	60	56	59	48	51	60	69	66	69	70	62	56	66	66	66	68	70	64	65	67	72	74	70	74	70	72		64.9
URBANA	MAX	88	84	90	89	84	87	78	75	80	80	81	83	79	79	77	73	81	88	89	86	86	85	87	92	91	88	90	95	88	93		84.9
	MIN	62	65	67	64	63	57	56	48	50	58	67	68	70	69	60	57	65	65	67	68	70	65	66	67	72	73	69	72	69	71		64.7
VIRDEN	MAX	81	80	84	88	84	85	84	79	81	79	88	86	86	81	80	83	78	88	88	90	86	90	89	89	91	86	94	96	92	97		86.1
	MIN	64	64	62	63	62	60	58	48	52	61	66	65	69	67	60	56	68	63	62	67	69	60	65	65	72	73	69	71	66	69		63.9
WALNUT	MAX	87	81	89	87	83	89	82	77	81	90	89	92	87	80	78	81	82	90	91	91	89	89	87	91	88	86	93	92	92	96		87.0
	MIN	63	68	70	60	55	59	52	45	52	57	65	68	71	68	57	58	63	64	68	69	71	59	66	66	68	73	71	67	67	70		63.7
WATSEKA	MAX	85	85	90	87	80	88	74	74	79	88	90	88	83	81	75	71	76	86	90	89	86	85	85	94	90	90	92	93	89	95		85.3
	MIN	55	65	68	60	60	51	52	43	46	55	67	65	68	69	58	56	64	61	65	67	69	60	60	61	72	73	70	69	69	69		62.2
WAUKEGAN	MAX	79	83	81	86	72	80	58	64	68	78	89	87	80	78	71	70	80	81	82	90	83	84	83	86	85	87	85	87	84	86		80.2
	MIN	59	67	64	58	53	55	47	37	45	46	56	66	68	56	56	53	59	60	60	67	70	59	64	66	69	67	65	66	68	61		59.6
WHITE HALL 1 E	MAX	85	78	81	86	84	85	85	85	81	85	86	88	88	80	82	83	85	88	89	90	88	90	91	90	87	87	91	91	91	96		86.5
	MIN	58	63	60	65	64	63	61	51	55	61	67	66	69	69	66	57	59	63	67	66	69	61	65	65	74	73	69	70	68	71		64.5
WINDSOR	MAX	87	84	91	86	84	86	80	77	81	81	84	82	81	81	78	77	80	85	88	87	88	88	90	90	91	90	93	95	91	95		85.7
	MIN	61	64	66	64	61	56	58	46	48	59	65	66	68	68	60	53	67	65	63	66	69	61	63	66	71	72	69	71	68			63.2

DELAYED DATA

DECEMBER 1948																																	
ALTON DAM 26	MAX	48	54	58	59	62	52	40	40	40	33	47	57	70	62	72	48	44	36	35	46	53	42	34	38	28	26	40	42	40	36	36	45.7
	MIN	26	32	31	36	35	32	28	22	26	13	27	37	38	46	40	32	25	30	28	30	32	26	25	25	8	1	12	28	28	20	22	27.1
JANUARY 1949																																	
NEWTON	MAX		38	48	54	42	47				42	39	37			67		37	36	42													
	MIN		26	34	42	29	27				34	32	30					20	18	20	13												
FEBRUARY 1949																																	
CARBONDALE SEWAGE PL	MAX	38	41	42	40	34	51	43	62	56	42	52	61	65	44	68	52	52	62	59	56	60	60	53	59	60	55	61	27				52.0
	MIN	9	14	26	32	28	26	20	26	26	29	23	44	39	33	35	24	24	30	45	34	31	32	43	45	31	32	28	22				29.9
KEWANEE	MAX	26	21	33	21	31	31	34	40	31	26	41	45	32	22	33	32	44	53	40	35	37	37	42	34	36	37	33	27				34.1
	MIN	13	-02	11	11	-07	17	-05	30	11	11	10	32	20	10	12	22	13	36	30	28	29	27	15	30	22	25	22	10				17.3
MARCH 1949																																	
KEWANEE	MAX	34	42	53	62	56	43	45	50	38	32	28	37	46	36	31	33	34	32	34	59	68	58	55	70	71	55	64	69	75	60	53	49.1
	MIN	8	20	32	33	43	28	24	35	27	20	22	18	21	23	13	20	16	16	18	31	43	47	30	35	38	44	41	40	43	36	40	29.2
APRIL 1949																																	
AURORA COLLEGE	MAX	48	52	48	58	58	59	62	53	53	55	63	74	76	53	42	46	48	44	58	64	72	70	67	50	74	76	68	65	75	73		60.1
	MIN	33	24	27	23	33	32	34	30	25	30	33	35	43	36	30	22	33	33	30	33	39	48	46	32	33	57	40	39	33	45		34.3
KEWANEE	MAX	46	53	52	56	56	61	64	56	56	54	60	76	77	68	54	45	58	58	57	62	70	70	70	70	78	75	70	68	75	76		63.0
	MIN	32	26	29	25	36	31	38	33	31	32	37	43	45	40	29	22	38	32	30	38	40	48	42	39	38	62	46	39	39	49		36.9
MAY 1949																																	
FULTON DAM 13	MAX	69	75	87	88	89	83	68	65	65	63	70	77	81	78	74	73	80	79	75	58	60	71	72	66	72	67	69	72	76	82	86	73.8
	MIN	55	50	54	68	68	65	51	43	55	41	38	53	53	60	49	61	62	67	49	46	46	52	52	50	48	47	49	43	46	52	63	52.7
KEWANEE	MAX	72	84	87	89	90	83	63	63	64	63	72	83	84	74	74	81	77	80	74	60	61	70	70	65	70	67	73	70	79	81	86	74.4
	MIN	46	43	50	62	63	63	50	39	51	36	34	53	50	52	48	58	58	63	52	42	48	49	47	46	45	42	43	38	45	58	60	49.4

See reference notes following Station Index

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		36P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J * PARKINSON	2 3 5
ALEXIS WATER WORKS	[illegible]	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5
ANNAWAN	019[illegible]	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	020[illegible]	LAKE	1	42 [illegible]	88 06	770	7P	7P	ROY I KUFALK	2 3 5
AUGUSTA HIGH SCHOOL	[illegible]	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	[illegible]	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARR[illegible]	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
[illegible]	0492	CASS	1	40 01	90 26	444		7A	[illegible]	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
[illegible]	0873	BUREAU	1	41 13	89 37	795		MID	CAA	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
[illegible]	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
[illegible]	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
[illegible] SEWAGE PLANT	1265	JACKSON	4	37 43	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
[illegible] 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5
[illegible]	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
[illegible]	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
[illegible]	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
[illegible]	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
[illegible]	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
[illegible]VILLE	141[illegible]	CASS	1	40 03	90 09	464		6P	W D UPP	3
[illegible] DRESDEN ISL	1420	GRUNDY	1	41 25	88 17	510		7A	CORPS OF ENGINEERS	3
[illegible]	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM B DYKES	2 3 5
[illegible]	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
[illegible]	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
[illegible] TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	3
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	[illegible]	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PL	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
[illegible] SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
[illegible] UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
[illegible] WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
[illegible]	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1646	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
[illegible] CROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
[illegible]	1743	DE WITT	1	40 08	88 58	746		6P	C E CARRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36			7A	[illegible]	3
DANVILLE WATER WORKS	2150	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	3 4
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L [illegible]	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	FRANK E GORHAM	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	[illegible]	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	CAA	2 3 4 5
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 26	88 18	357		5P	[illegible]	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 32	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	A C MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
[illegible]	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS W J BESSANT	3
[illegible] CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	[illegible]	POPE	5	37 26	88 40	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
[illegible]	357[illegible]	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 02	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
[illegible]	[illegible]	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
[illegible]	[illegible]	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
[illegible]	[illegible]	BOND	2	38 51	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5
[illegible]	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
[illegible]	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
[illegible]	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
[illegible]	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5
[illegible] HIWAY 13 BR	3884	SALINE	5	37 44	88 30			6A	J S NELSON	3
[illegible]	3930	MASON	1	40 18	90 03	451	7P	7P	L L [illegible]	2 3 5
[illegible]	3940	MASON	1	40 18	90 04	460		7A	IRVING R STROD	3
[illegible]	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5
[illegible]	[illegible]	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
[illegible]	4198	VERMILION	7	40 28	87 41	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	[illegible]	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
[illegible]	[illegible]	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
[illegible] PLANT	[illegible]	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	5
[illegible]	[illegible]	ROCK ISLAND	4	41 [illegible]	91 01	554		8A	CORPS OF ENGINEERS	3 4
[illegible]	[illegible]	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
[illegible]	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
[illegible]	[illegible]	JERSEY	1	39 07	90 20	635	5P	5P	JOSEPH A ARNOLD	2 3 5
[illegible]	[illegible]	WILL	1	41 30	88 08	543		7A	CORPS OF ENGINEERS	3
[illegible]	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5
[illegible]	[illegible]	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
[illegible]	[illegible]	KANKAKEE	1	41 08	87 56		6P	6P	M A DURAND	2 3 5
[illegible] PLANT	[illegible]	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
[illegible]	[illegible]	MERCER	4	41 [illegible]	90 57	540		8A	ALFRED M NORRIS	3
[illegible]	[illegible]	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
[illegible]	4715	HENRY	1	41 [illegible]	89 54	800		MID	BENNETT K ROSE	3 4
[illegible]	4729	PEORIA	1	40 47	89 45			9A	MR HEN HALL	3
[illegible]	4823	HANCOCK	1	40 [illegible]	90 58	691	6P	6P	KENT CAMPBELL	2 3 5
[illegible]	4879	CARROLL	[illegible]	[illegible] 06	89 [illegible]	881		MID	WILLIAM E AURAND	3 4
[illegible]	[illegible]	[illegible]	1	41 20	89 06	[illegible]	7P	3P	WESTCLOX G T I CORP	2 3 5
[illegible]	[illegible]	MARSHALL	1	40 58	89 18	828		MID	HENRY H LUKEHART	3 4
[illegible]	4959	[illegible]	[illegible]	38 [illegible]	87 41	472		7A	FRANK BRAY	3
[illegible]	[illegible]	MC LEAN	1	40 [illegible]	88 46	780		7P	C J LERE	3
[illegible]	[illegible]	LOGAN	1	[illegible]	89 [illegible]	591	7P	7P	JOHN ZURKAMMER JR	2 3 5
[illegible]	[illegible]	LOGAN	1	[illegible] 09	89 21	600		7A	GEORGE L SMITH	3
[illegible]	[illegible]	WILL	1	41 [illegible]	88 0[illegible]	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05			MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	[illegible]	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	[illegible]	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC LANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	CHARLES H GRADY	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	7	39 23	87 43	606		6P	E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	HARRY L AGNEW	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	[illegible]	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	[illegible]	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	[illegible]	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	4	40 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	PIATT	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 29	89 58	670	[illegible]	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	[illegible]	CHRISTIAN	1	39 25	89 26	658	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	[illegible]	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		[illegible]	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	[illegible]	JOHNSON	5	37 33	88 46	[illegible]	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	[illegible]	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	6	42 01	89 20	702		6P	LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	1	41 22	[illegible] 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 21	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	MRS WALDO W GODEIR	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 39	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA	7072	ADAMS	4	39 56	91 13		MID	MID	CAA	2 3 4 5
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	[illegible]		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	[illegible]	ADAMS	4	39 56	91 25			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 20	88 10	744	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	[illegible]	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE MISSION HSE	7603	JASPER	7	38 56	88 01			7A	J DE PALMA	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
[illegible]	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8147	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	[illegible]	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	[illegible]	COOK	1	41 19	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	[illegible]	5P	E A CURTISS	2 3 5
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	[illegible]	[illegible]	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 1 N	[illegible]	BUREAU	1	41 18	89 30	512		6P	CHARLES PLASSCHEART	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 64	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 33	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 45	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	88 35			7A	ROBERT W SANDERS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	88 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753	6P	6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5

‡ - DRAINAGE CODE. 1 Illinois; 2 Kaskaskia, 3 Lake Michigan, 4 Mississippi, 5 Ohio, 6 Rock; 7 Wabash

See reference notes following Table 1
See Corrections following Table 2
See Table 6 following Table 3

GPO CH FSC 8-5-49 . ,00

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

AGRICULTURAL

CLIMATOLOGICAL DATA

ILLINOIS

JULY 1949
Volume LIV No. 7



CHICAGO: 1949

ILLINOIS - JULY 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

This month was marked by above-normal temperatures and humidity, this being the warmest July that Illinois has seen since the record month of 1936. Rainfall also averaged above normal for the State as a whole, although precipitation was somewhat deficient in many northwestern and southern localities.

Hot weather, which carried over from the latter part of June, continued through July 9. Most stations recorded their highest temperatures during the first few days of the month. Scattered showers occurred on the 1st and 2nd, but the first precipitation of general consequence began on the 5th and extended through the 9th, with frequent periods of showers and thunderstorms.

High winds struck northwestern areas on the 1st, causing an airplane crash near Galesburg in which the pilot was killed and a passenger seriously injured. The winds also damaged some crops near Lena, and in the Moline area blew down trees, smashed several store windows, and damaged three yachts; property damage estimated $10,000. Two funnel clouds were observed in Logan County on the 7th, but neither reached the surface.

From the 10th through the 17th cooler weather with occasional scattered showers prevailed, the showers occurring most frequently in southern sections.

Temperatures rose again after the 17th and generally remained above normal through the 29th. The last 2 days of the month were cool. Showers fell frequently from the 20th to the 23rd and occasionally thereafter until the 29th, when general showers again occurred. Very heavy rains fell near the Mississippi River between Monroe and Adams Counties on the 20th, Several stations recording over 4 inches of precipitation on that date. Again on the 21st several scattered localities were struck by heavy downpours.

Hail twice damaged fruit in the Etherton area of Jackson County, 400 acres being hit altogether on the 15th and on the 19th. A wind and rainstorm flooded basements, damaged crops, and uprooted trees near Jerseyville on the 19-20th; damage estimated $5,000. An electrical storm destroyed a barn and damaged crops at Nebo on the 20th; damage estimated $12,000. On the same date lowlands were flooded and 11,000 bales of straw were destroyed by lightning in the Quincy area. Also on the 20th a storm downed trees, destroyed several roofs, and flooded streets and basements at Granite City; damage estimated $15,000.

On the 21st heavy rains flooded some sections of Danville. Property loss estimated at $100,000 was caused at Tiskilwa on the 21st by a flash flood which damaged a large number of homes and automobiles.An electrical storm on the same date destroyed a barn, blew down trees and flooded basements in the Watseka area; property loss estimated $10,000. Minor damage resulted from electrical storms in Logan County and in the Springfield area on the 21st; a Springfield motorist was injured by a falling tree limb.

In the Moline area three homes were damaged by lightning and a few streets were flooded during an electrical storm on the 29th; property damage estimated $5,000.

The crop outlook was among the best in history at the end of July. Corn was in good to excellent condition and most of the crop had tasseled by the end of the month. Soybean stands were excellent and the crop was podding early. The winter wheat harvest was completed during July, the crop being the largest since 1931. The oat crop also was much above average, most of the oats being harvested by the end of the month. Commercial fruit prospects continued to be good.

TEMPERATURE

The mean temperature for the State was 78.6°, which is 2.2° above normal for the month. The monthly mean temperatures ranged from 82.3° at Cairo to 74.9° at Stockton and Waukegan.The highest temperature recorded in the State was 103° at Pana on the 2nd and also at LaSalle on the 3rd, and the lowest was 50° at Aurora and Freeport on the 31st.

PRECIPITATION

The average precipitation for the State was 4.40 inches, which is 1.16 inches above normal for July. The total amounts recorded at various stations ranged from 11.64 inches at Hardin to 0.86 inch at Ste. Marie Mission House. The heaviest rainfall reported in any one day was 6.72 inches at Elsah on the 20th.

ACKNOWLEDGMENT

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S.T.	1:30 p. E.S.T.	7:30 a. E.S.T.	Percent of possible	
CAIRO	30.21	23	29.82	14	6.8	33	N	16					83	0
CHICAGO AIRPORT	30.24	23	29.77	18	7.2	23	SW	27	81	79	57	60	61	0
JOLIET AIRPORT	30.25	23	29.77	18	7.8	--	--	--	88	86	59	64	--	0
MOLINE AIRPORT	30.25	1	29.77	18	6.9	42	SW	29	84	85	58	60	77	0
PEORIA AIRPORT	30.24	23	29.79	18	8.4	37	NW	1	83	87	50	52	66	0
SPRINGFIELD AIRPORT	30.21	23	29.79	18	8.3	42	W	21	88	90	63	67	76	0

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	75.5	106	42	2.02	. .	5
1891	70.7	102	45	2.19	. .	7
1892	74.4	107	45	3.79	. .	9
1893	77.8	105	48	2.00	. .	5
1894	76.3	106	41	1.51	. .	4
1895	73.8	105	41	5.37	. .	9
1896	75.5	106	39	6.44	. .	9
1897	77.4	104	48	3.51	. .	8
1898	75.8	102	41	2.93	. .	7
1899	75.5	101	40	3.57	. .	8
1900	75.4	99	41	4.27	. .	8
1901	82.2	115	40	2.31	. .	5
1902	76.2	104	44	4.60	. .	10
1903	75.9	102	40	3.71	. .	7
1904	73.2	104	35	4.71	. .	9
1905	73.2	99	45	5.00	. .	11
1906	74.0	100	43	2.39	. .	7
1907	75.9	103	40	5.70	. .	12
1908	75.6	100	45	3.44	. .	8
1909	73.5	102	40	4.77	. .	8
1910	76.3	104	40	4.15	. .	9
1911	76.3	108	41	2.25	. .	7
1912	75.9	100	43	4.28	. .	9
1913	78.5	108	41	2.09	. .	6
1914	79.2	109	42	1.51	. .	5
1915	73.0	101	41	6.73	. .	14
1916	80.9	108	50	1.23	. .	3
1917	75.2	103	44	2.85	. .	8
1918	73.9	105	42	2.39	. .	6
1919	78.8	104	48	1.93	. .	5
1920	74.6	101	45	2.47	. .	7
1921	80.7	105	47	1.83	. .	5
1922	75.2	102	41	3.68	. .	8
1923	77.1	107	47	2.16	. .	6
1924	72.0	101	41	3.30	. .	9
1925	76.0	105	44	2.99	. .	8
1926	76.8	107	44	3.52	. .	7
1927	74.5	100	44	3.30	. .	8
1928	76.3	99	44	3.58	. .	8
1929	76.2	100	44	4.69	. .	10
1930	79.1	112	41	1.01	. .	5
1931	79.3	108	46	2.97	. .	6
1932	77.6	105	46	3.32	. .	7
1933	78.1	107	49	2.41	. .	5
1934	81.7	114	44	3.24	. .	8
1935	79.1	104	51	3.36	. .	8
1936	83.5	115	44	1.22	. .	5
1937	75.7	100	43	3.18	. .	7
1938	77.1	103	50	4.74	. .	9
1939	76.7	104	48	3.37	. .	7
1940	76.9	107	41	1.53	. .	4
1941	77.0	105	44	2.74	. .	6
1942	76.8	101	44	4.89	. .	10
1943	77.5	102	45	3.00	. .	7
1944	76.2	105	43	1.83	. .	6
1945	73.8	104	41	1.45	. .	6
1946	76.3	104	49	2.41	. .	8
1947	73.0	104	41	1.88	. .	6
1948	75.9	100	44	5.45	. .	10
1949	78.6	103	50	4.40	0	10
PERIOD	76.4	115	35	3.24	0	7

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																												Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CARBONDALE SEWAGE PL	EVAP	.16	.21	.21	.30	.01	.59	.23	.18	.23	.33	.12	.18	.24	.14	.23	.18	.28	.14	.18	.16	.06	.25	.20	.35	.14	.21	.11	.18	.34	.26	.24	6.64	
	WIND	21	11	30	10	59	79	60	[illegible]	76	63	16	25	25	30	30	35	46	29	80	70	50	80	40	42	58	90	77	63	22	96	60	1535	
SPRINGFIELD WB AIRPORT	EVAP	.27	.33	.32	.42	.30	.26	.25	.12	.32	.21	.34	.26	.13	.28	.31	.26	.22	.23	.16	.21	.04		.36	.17	.35	.26	.25	.33	.32	.26	.25	8.05B	
	WIND	38	46	39	59	59	62	48	35	115	127	56	30	52	52	60	111	35	69	95	47	163	57	73	57	105	112	110	115	106	93	107	2333	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	78.0	2.2	96	1+	59	11+	9	0	4.32	.88	1.45	8				8	4	2
ANTIOCH	75.4	3.2	94	3	53	31	6	0	3.92	.79	1.30	27				7	4	2
AURORA COLLEGE	76.3	2.8	98	1	50	31	10	0	4.40	1.38	1.26	20				8	5	2
CHICAGO UNIVERSITY	77.0	4.5	96	3	62	31	7	0	2.74	- .69	.93	9				8	3	0
CHICAGO WB AIRPORT	77.8	5.1	102	3	57	31	11	0	3.59	.16	1.43	21				10	4	1
CHICAGO WB CITY	78.3	4.4	99	3	63	31	8	0	5.01	1.58	2.11	5				9	4	2
CICERO	78.2	3.4	100	3	55	31	11	0	3.83	.80	1.69	21				8	5	1
DIXON	77.5	3.0	99	3	53	31	14	0	1.60	- 2.11	.32	21				11	3	0
FREEPORT	75.7	2.4	97	1	50	31	8	0	3.26	- .64	.85	21				12	5	0
FULTON DAM 13	77.5	2.9	96	1	59	31	7	0	5.28	1.88	2.20	21				10	5	2
GALESBURG	78.6		97	3	60	11	13	0	1.83	- 1.86	.61	21				7	2	0
GALVA	75.5	2.8	98	3	56	31	16	0	2.41	- 1.13	.90	21				9	3	0
HENRY	79.0	2.8	99	2	56	31	15	0	4.73	1.72	2.12	21				11	4	2
JOLIET WB AIRPORT	76.6	2.6	99	1+	52	31	13	0	3.28	.29	1.22	21				9	5	1
KANKAKEE	77.1	2.1	98	1	56	10	7	0	3.85	.64	1.67	21				8	6	1
KANKAKEE 4 W	76.7		96	3	54	11+	10	0	4.41	1.23	1.73	21				10	6	1
KEWANEE	76.4	0.9	97	1+	51	31	9	0	5.12	1.70	1.81	21				8	5	2
LA SALLE	79.8	3.7	103	3	54	31	21	0	5.82	2.86	2.41	7				9	3	3
MARENGO	76.0	2.8	98	3	51	11	14	0	6.21	3.12	2.05	27				10	7	2
MINONK	77.1	1.6	96	2+	55	11	8	0	4.32	1.34	1.73	21				8	6	1
MOLINE WB AIRPORT	78.0	4.5	98	3	58	11	12	0	3.40	.07	1.13	21				9	3	2
MONMOUTH	77.7	1.8	96	1+	57	11+	10	0	2.83	- .93	.77	21				9	4	0
MORRIS 3 NE	76.6	2.5	97	3	53	31	11	0	5.28	2.45	1.34	6				10	6	2
MORRISON	76.8	2.1	99	1	53	31	17	0	4.99	1.35	1.50	21				9	5	2
MOUNT CARROLL	76.5	3.1	96	1	53	15+	10	0	2.19	- 1.28	.77	2				7	4	0
OTTAWA	77.0	1.1	100	1	56	11	11	0	5.11	2.06	1.10	7				8	6	1
PONTIAC	77.0	0.1	95	3	56	11+	5	0	7.07	4.25	3.10	29				10	5	2
ROCKFORD	76.8	2.7	97	1+	52	31	10	0	3.93	.47	1.50	6				8	4	1
ROCKFORD CAA	75.4	2.5	96	1+	51	31	10	0	4.29	.85	1.10	29				11	6	1
STOCKTON	74.9		96	1	52	31	5	0	4.08	.17	.95	2				8	5	0
SYCAMORE	76.2M	2.8	99	1	51	31	10	0	8.38	5.30	3.70	5				9	8	2
WALNUT	79.0	3.1	100	3	55	31	18	0	4.28	.91	2.15	21				7	3	2
WAUKEGAN	74.9	3.2	97	4	51	31	8	0	3.91	.93	1.88	27				8	4	1
DIVISION	77.1	2.7							4.23	1.09								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	78.7	2.2	97	1+	57	11+	16	0	5.14	2.07	1.04	29				14	8	1
CARLINVILLE 4E	79.2	1.5	98	1	58	31	17	0	5.16	1.70	1.85	20				18	6	1
CHARLESTON	80.2M	3.0	100	2	56	31	15	0	3.47	- .14	.64	6				10	7	0
DANVILLE	78.4	3.3	99	3	56	17	16	0	9.05	5.90	5.08	21				12	6	2
DECATUR	79.9M	2.7	98	1+	56	31	16	0	1.65	- 1.60	.42	9				12	2	0
EFFINGHAM CAA	78.3	2.0	94	1+	56	31	13	0	2.23	- 1.00	.97	9				11	2	0
GRIGGSVILLE	78.1	0.0	98	1+	58	11	20	0	5.34	2.33	1.28	21				10	7	3
HAVANA	79.8	2.4	100	1	58	11	16	0	2.78	- .95	.57	23				12	5	0
HILLSBORO	79.1	1.3	96	2	58	31	11	0	5.56	2.55	1.34	20				12	6	3
HOOPESTON	77.6	1.9	97	2+	53	31	10	0	6.41	2.81	1.35	20				11	7	3
JACKSONVILLE	79.6	2.7	100	2	61	11+	17	0	3.85	.85	1.20	20				8	5	2
LA HARPE	78.7	2.5	97	1	56	31	18	0	2.99	- .63	1.36	7				11	2	1
LINCOLN	79.6	3.1	100	1+	57	31	18	0	5.10	1.98	1.34	23				12	6	1
MATTOON	78.5		97	2	57	31	12	0	4.34	.84	2.11	9				11	4	1
MORRISONVILLE 1 E	76.8	0.2	98	1+	52	31	13	0	4.12	1.01	1.05	9				11	5	1
PALESTINE	79.3	1.9	96	2+	58	31	20	0	3.67	.24	1.64	23				7	4	1
PANA	81.0	3.6	103	2	55	31	25	0	2.42	- .70	.73	7				11	4	0
PARIS WATER WORKS	79.6	3.1	99	1+	55	16	18	0	5.20	1.90	2.50	19				9	3	2
PEORIA WB AIRPORT	78.4	3.2	98	2	58	31	11	0	4.93	1.35	2.06	22				13	3	2
QUINCY	80.3	1.9	100	1+	60	16	18	0	7.80	4.57	5.09	20				10	5	1
QUINCY CAA	77.7		98	2+	56	16	12	0	5.30	2.08	3.41	20				8	4	1
RANTOUL CHANUTE AF	78.9		97	1+	60	11+	14	0	3.14	- .15	1.19	21				9	3	1
ROBERTS 3 N	77.1	1.8	95	1+	54	31	8	0	5.53	2.41	1.10	22				12	9	1
RUSHVILLE	79.1M	1.9	96	1	58	31	12	0	4.98	1.82	1.47	23				9	6	2
SPRINGFIELD WB AIRPORT	78.4	4.4	98	1	60	11	9	0	3.43	.57	.98	5				11	5	0
SPRINGFIELD WB CITY	80.4	3.9	100	1	61	11	16	0	3.88	1.02	.95	5				13	4	0
TABLE GROVE	78.9	1.9	98	3	58	11	14	0	3.32	- .40	.83	7				12	6	0
TUSCOLA	79.4		99	1	55	31	13	0	3.91	.64	1.50	7				13	4	1
URBANA	78.8	3.1	97	1+	57	31	11	0	4.93	1.82	1.19	7				11	7	2
VIRDEN	78.1		97	1	57	31	11	0	5.99	2.94	1.30	7				12	8	3
WATSEKA	77.3		98	1	54	31	12	0	7.69	7.41	4.12	21				13	8	4
WHITE HALL 1 E	78.4	1.9	98	1+	61	31	16	0	6.30	3.09	2.96	20				14	5	2
WINDSOR	79.2M	2.8	97	2	54	31	18	0	5.51	.11	.95	8				12	4	0
DIVISION	78.9	2.4							4.82	1.51								
SOUTHERN DIVISION																		
ALTON DAM 26	80.6		100	2	60	31	20	0	9.61	6.55	2.43	20				11	8	4
ANNA	79.1	0.2	95	1	61	31	10	0	4.06	.64	1.43	11				10	5	1
BELLEVILLE SCOTT AF	80.0		97	1	62	31	12	0	5.21	2.03	2.05	20				12	4	3
CAIRO WB CITY	82.3	1.7	95	9	66	31	19	0	4.41	1.34	1.08	15				13	5	1
CARBONDALE SEWAGE PL	80.1	0.7	98	1	64	12+	17	0	2.60	- .99	1.41	17				11	2	1
CARLYLE	79.3	1.3	98	4	58	31	15	0	2.21	- 1.01	.79	9				12	3	0
DU QUOIN	80.4	1.3	97	1+	62	31	15	0	3.21	- .38	1.00	18				9	4	1
EAST ST LOUIS	80.8M	0.2	101	18	65	16		0	7.04	4.00	3.97	20				9	4	2
ELIZABETHTOWN	80.6		96	1+	62	31	21	0	2.45	- .85	1.26	13				10	2	1
FLORA	79.9	1.9	95	1+	63	11	19	0	1.40	- 1.88	.55	16				7	2	0
GOLCONDA DAM 51	79.5	0.3	95	9	64	31	9	0	5.21	2.02	1.23	13				11	6	1
GREENVILLE	78.6	0.3	94	1+	59	31	10	0	3.17	.10	1.69	7				12	2	1
HARRISBURG	81.6M	2.0	102	2	61	31	24	0	2.29	- 1.32	.81	29				13	2	0
MC LEANSBORO	81.1	2.1	97	1+	61	31	20	0	3.71	.59	1.32	20				11	5	1
MT CARMEL	81.8	3.3	98	1	59	31	26	0	4.27	1.03	1.35	19				10	5	2
MT VERNON	78.7	- 0.2	98	1+	55	31	22	0	1.30	- 1.58	.35	20				8	2	0
NEW BURNSIDE	78.9	0.4	94	9+	61	31	14	0	5.68	2.38	2.32	11				12	4	2
OLNEY	80.6	2.5	98	29	56	31	20	0	.92	- 2.37	.50	9				3	2	0
SPARTA	79.2	0.0	96	1	60	31	15	0	7.20	3.94	1.59	20				13	8	3
DIVISION	80.2	1.1							4.00	.80								
STATE	78.6	2.2							4.44	1.20								

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION								.46	.13	.03						.35		.23	.63	.72		.18					.06					2.79
ALEDO		.02			.14		T	1.45	.45			T						.14		.20	.78			T	T	T			1.14			4.32
ALTON DAM 26						T	.08	.44	1.12	.04			.44		T	2.05	.30		.06	2.43	2.32	T				T				.33		9.61
ANNA					T	.32	.71			.29	1.43		.11			.53	.08	.36	.20	.03					T							4.06
ANTIOCH					T	.20	.07	T	T					1.17							.30	.16					1.30		.72			3.92
AURORA COLLEGE					1.10	.46		.05	.65					.04						1.26						.01	T		.83			4.40
BARRY			T		.92	.34	.07		.10			.48	.02	.04				.28	.33	4.70		1.03			.01	T			T	.13		8.45
BEARDSTOWN		.39					T	.04	.03	.04			.10		T				.06	.55	.55	.46	.78		2.05	T				T		5.05
BEARDSTOWN LGRNG DAM B//	1.18				.02		1.71	.01	.15			.15			.02			.10		1.13	.78	.10	.15						.04			5.54
BELLEVILLE SCOTT AF Z			.06	.02		.47	T	T	1.14			.11	1.00	T	T	T		.18		2.05		.02		.07	T	.04			.05			5.21
BELVIDERE SEWAGE PLANT B	1.03				1.15	1.30		.10	.16				.30	.10							.50					1.18			.43			6.34
BENTLEY					.04		.76	.56				.14						.14		.77	.40	.06	.21						T			3.08
BENTON			.02			.20				.02			.10		.04	.04		.09		.65										.04		1.30
BLOOMINGTON NORMAL		T				.33	.89	.46	.45	.10								.11		.02	.38	.95	.36		.06	.08			1.04	.01		5.14
BLUFFS		.46	T		.02		.35	.09	.29	.02		.09		.42				.07	.05	1.47	.09	.90	.30		.07				.08	.18		4.94
BRADFORD CAA	T				T	.01	.05	.70	.06			.01						T		.02	2.57					.28	T		.02	.07		3.79
BROOKPORT DAM 52						.60	.31				.80	.05	.98			.90	.90		T	.28					T	.03			.31			5.16
CAIRO WB CITY B					.12	.19	.85		T	.87	.01	T	.20		1.08	.60		.10	.33					.03	.01		.02					4.41
CAMP ELLIS B						.58	.14	.48										.05		.28	.29	.12	.21			.05		.07				2.27
CANTON		.02				.12	.66	.03				.02						.12		.14	2.27	.25	.20		T	.25		.04	.02			4.14
CARBONDALE SEWAGE PL							.37	.07			.08		.02			.01	1.41		.15	.20	.14				.14	.01						2.60
CARLINVILLE 4 E		.23			T		.36	.01	.31	.06		.02	.02		.55	.85		.04	.05	1.85		.01	.60		.02		.02		.01	.15		5.16
CARLYLE				T		.06	.01	T	.79		.19	.01			T			.42	.01	.55		.03		T	.11	.01				.02		2.21
CARMI				T		.32		.37	.35	T			.08		.18				.72	1.95				.03						.02		4.02
CARPENTER 1 SW R					.20	.34		.08	.07	.48		.03	.27		.02	.08			.13	1.67						.12						3.49
CASEY							.14	.50	.36									.33	2.15	.18									.35			4.01
CENTRALIA 4 W			.02			.23		.13	.07	.13		T	.05					T		.42		.02				.07	.02			.23		1.39
CHANDLERVILLE					.20		.75	.10	1.20			.05								.70		.87	2.34									6.21
CHANNAHON DRESDEN ISLD						1.00	.02	.04	.18	.33											1.14	.99					1.02		.94	.11		5.77
CHARLESTON		.57				.64		.20	.45							.06			.42	T			.45			.29	.10			.29		3.47
CHENOA					.80	T	.19	.31	.27			T								T	2.84	.10	.02		.20	.02			1.99	.03		6.77
CHESTER							.48	.15		.15	.20		.11						.45		.45									.18		2.17
CHICAGO CAL TREAT WKS R					.12	.94			1.57											.08	2.22					.31			.14	.01		5.39
CHICAGO HEIGHTS	.89				.07	.98	.64	.24	1.60											.19	2.00	.03			.16	.56			.26			7.62
CHICAGO LOYOLA UNIV R					.58	.01	.43	.02	.72				.13	.93							1.28			.05		.07			.63	.01		4.86
CHICAGO N BRA PUMP STA R					.86	.03	.34	.01	.47				.07	1.03							1.55			.03					.13			4.52
CHICAGO SAN DIST DISP R					1.10	.23		.92	.40					.01							.13								.10			3.91
CHICAGO SAN DIST OFF M					2.10	.04	.07	.46	.68												1.01								.01			4.38
CHICAGO UNIVERSITY R					.71	.06	T	.04	.93			T			T			T		.02	.90								.04			2.74
CHICAGO WB AIRPORT R	T				.60	.13	.09	.40	.75			T	T	T				T		.01	1.43				.06	.04			.08	T		3.59
CHICAGO WB CITY M					2.11	.20	.23	.72	.58				.02							T	1.10				T	.02			.03			5.01
CHILLICOTHE					.11	.30		.06	.33	.03		.01						.07		.01	1.30	.08		.01		.05				.07		2.43
CICERO	T				.31	.87	.10	.02	.55					T				T		T	1.69				T	.04			.25	T		3.83
CISNE BROWN CAMP R						.14			.65							.20	.35	.18	.22	.18				.05								1.97
CLINTON 1 S		.99			.54		.10	.21	1.05	.49										T	T	.53	.10		T	T			.56	T		4.57
COLLINSVILLE R			.07			.11			2.43			.17	.16	.80	.40	.10		.16		1.97												6.37
CRETE R	.38				.15	.22		.09	1.33											.12	2.25					.37			.36			5.27
DANVILLE						.16	.39		.72										.11	.36	5.08	.55	.05		.01	1.44	T		.07	.11		9.05
DANVILLE SEWAGE PLANT							1.55	.04		.23										.14	2.40	.15	.03				1.48			.25	.08	6.35
DECATUR					.34	.06	.02	T	.42	.03		.24	.05		T			.14	T	.15		.15			.03	T			T	.02		1.65
DES PLAINES 1 NW					.27	.21	T	.18	.10					2.01							1.85	T				.14	.08		.12			4.96
DIONA R							.08		.45							.40		.05	.86				2.05							.09		3.98
DIXON		.05			.20	.04		.13	.21					.27						.02	.32	.02				.27			.07			1.60
DOWNS 2 NE R					1.08		.77		.60						.04						1.14	.06	.46			.08			3.71	.06		8.00
DU QUOIN			.06	.08		.48							.48			T		1.00	T	.90				.02	.02					.17		3.21
DWIGHT						1.52	.43	.06	.62	.02		T								T	.62	1.44			.11	1.16			.76			6.74
DWIGHT STATE REFORM M					1.09	.12	.82	.03	.38			.05						.29			1.58	.01				1.17			1.16			6.70
EAST ST LOUIS						.01			.60			.17	.04	.22	.42	1.55		.06		3.97									T			7.04
EDWARDSVILLE					T	.63	T		.27	1.14	.03	.30	.19	T	.73	.11		T	.21	2.13	.06	T				.51			.17			6.48
EFFINGHAM CAA Z					T	.05	.01	.11	.97			T	.03		.12	T	.21	T	.40	.15			T		.11	T			T	.07		2.23
ELGIN					.86	.47	.07	.01	.26				T	.51				T		T	.80						.43		1.32			4.53
ELIZABETHTOWN				.12		.12	.24	.27		T	.08		1.26		.13		.09		.02					T	T		.12					2.45
ELSAH				.21	.02	.28	1.23	.54	.08			.02	.48			.40	*	.09	.01	6.72								T				10.08
EVANSTON PUMP STA R					.66	.02	.19	.12	.31				.20	.77							1.19					.24			.28	.01		3.99
FAIRBURY WATER WKS B//					.55	1.26		.19	.25												2.38	.08	.04		.26				1.95			6.96
FARMER CITY R					.29			.03	.21						.17					.09	.72	.18	.11		.24	.36	.01		1.48			3.89
FLORA						.27			.10							.55			.21	.07	.03	.17										1.40
FREEPORT	.20	.26			.35	.38		.15	.04					.78				.02			.85			.06		.16	.01		T			3.26
FREEPORT SEWAGE PLANT R		.26				.22	.03		.16					.75	T				T		.66	.06		.01			.31					2.46
FULTON DAM 13 Z		.28			.11	1.15	.02		.40					T				.13	T		2.20	.02				T	.02			.95		5.28
GALATIA R						.12			-	-			.33		1.70					.22				.08					.21			-
GALENA	1.99				2.28	.37		1.10						.18				.28			1.84				T	.37						8.41
GALESBURG							.10	.21	.57			.05		T						.22	.61								.07			1.83
GALVA					.05		.18	.66	.28			.04						.14		.07	.90								.09			2.41
GENESEO		.14			.12			.07										.20			1.01								.08			1.62
GIBSON CITY		T			.05			.05	.14									.27		T	T	1.03	.65		.20	.65			2.35			5.39
GLADSTONE DAM 18						.01			1.12			.04	.03					.07	.16	.20	.35	.40							.39	.20		2.97
GLENDALE EXP FARM M						.06	.28			.21	1.56		.62		.67	.19		.27						.08								3.94
GOLCONDA DAM 51 Z							.10	.85	.06	T	.84	.35	1.23	.19		.67	.68		T	.15						T			.09			5.21
GOLDEN							1.30					.04			.70			.20		1.96		.70	2.57						.29	.03		7.79
GRAFTON					.20	.07	.03	T	.52	.23			.76		T	.04	.15		.18	1.50	3.27									.43		7.36
GRAND TOWER 2 N		T				.67					.23					.15		1.08	.67	.22									.74			3.76
GREENFIELD R		-				1.35	.08	1.18	.17			.11		.68		1.39		.16	2.52	2.27		.25							.17	.36		-
GREENUP							.23	.18	.76						T			.07	1.24	.45			.65	T						.55		4.13
GREENVILLE			.01		T		1.69	.03	.20	T		.02	.05			.07		.11		.71			.17		.10	T				.01		3.17
GRIDLEY		.73			.45	.12	.63	.48	.17			.01						T		T	1.21	.80	.06		.07	.26			.85	.06		5.90
GRIGGSVILLE		.50				.28	.16	.15					.05					1.27		.35	1.28	1.00								.30		5.34
HARDIN					.95	.22	.08	.31	1.12			.08		.18	.23	.06		.36	.03	4.38					.83				2.81			11.64
HARRISBURG						.10	.02	.01		.14	.08		.13		.59	.01			.02	.11				.21	.06				.81			2.29
HARRISBURG 4 E							.14			T	.10	.08	.10			.56	T			T	.36				.20	.23				.15		1.82
HAVANA		.03					.11	.10	.23			T		.14	.36			T		.25	.38	.44	.57		.12	T				.05		2.78
HAVANA NO 2		.17						.10	.29						.65				T		.25	.84	.18	.42		.03			.12	.03		3.08
HENRY	T				.07	.08	1.16	.72	.26			T						.05		2.12						.06	.03		.06	.12		4.73
HILLSBORO								1.32	.08	.07			.45		.08	.27	1.23	.49	.04	1.34		.03		T						.16		5.56
HOOPESTON Z							.85		1.16			T		.43				.04		1.35	.09	.77	.12		T	1.05			.43	.12		6.41
HUDSON LK BLOOMINGTON R					.25	.03	.36	.30	.31												1.52	.09	.38		.01	.01			.84			4.10
HUTSONVILLE B//									-	-												.15	.83							.73		-
HUTSONVILLE POWER PLA									.02	.21									1.51				.70							.20		3.75
ILLINOIS CITY DAM 16 Z						.23			.26									.29	2.07	.24	.23	.51		.52			.03		2.59	.70		5.16
JACKSONVILLE		T					1.14		.73							.07		.04	.24	.05	1.20			.11			T		T	.30		3.85
JACKSONVILLE SEWAGE PL R		.23			-	.05	.03	.92											.05	1.23	.10	.23							.12			-
JOLIET BRANDON RD DAM		.10				.41	.03	.10	.10	.34											.52	.61					.47		.65	.26		3.59
JOLIET WB AIRPORT	.10				.63	.04	T	T	.48			T						.01		.09	1.22				T	.31			.42	T		3.28
KANKAKEE							.02	.27												.32	1.67	.85		.02	.34				.36			3.85
KANKAKEE 4 W					.07	.34	.07		.28			T						T		.43	1.73	.93			.03	.23			.30	T		4.41
KANKAKEE SEWAGE PLANT R					.46		.02	.04	.16											.28	2.48	.18				.10			.23	.03		3.98
KEITHSBURG						.30			2.15	.12								.22	.08	.20	.18			.15					1.60	.94		5.82
KEWANEE	T				T	1.28	.97	.21	.39			T						.32	.05		1.81								.09			5.12
KEWANEE BAKER PARK R		.06			.06	.43	.46	.84				.30						.27		.08	1.60								.05			4.15
KICKAPOO									1.33	.03												1.65										3.01
LA HARPE		T			T	.03	1.36	.03	.12			.12						T		.91	.05	.18			.05	.12			.02			2.99
LAMARK R	.58				1.20	.14		.12					.10	.03							.23	.05				.19			.33			2.87
LA SALLE					T	.21	2.41	1.48	.04	T		T						T		T	1.48	.01				.04	.02	T	.12			5.82
LAWN RIDGE R					-			.62	.11			.03						.02		*	2.28					.03			.09			-
LAWRENCEVILLE						.42	.12	.15	.42	.08								.10	.08			1.48	.48			.16						3.50

See reference notes following Station Index.

Table 3—Continued

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LINCOLN					.35	.04	.80	.66	.34	.22										.12	.10	.79	1.34						.12	.22		5.10
LINCOLN NO 2					T	.35	T	.93	.42	.16					T						.12	.82	.67	1.25					.10	.25		5.07
LOCKPORT LOCK AND DAM R	.62				.63	.05	.05		.30											.10	1.29					.63			.40			4.07
LOCKPORT POWER HOUSE R	.56	.01			.58	.04	.08	.01	.29											.10	1.44					.58			.38			4.07
LOUISVILLE R						.76	.03								.67	.05			.06	.14	.01	.04		-								-
MACKINAW		T				.67	.50	.12	.51								T			.48	.55		.96						.31			4.10
MACOMB					T	T	.02	.36				.05		.05				.13		.41	.03	.11	T		.82					T		1.98
MARENGO		.03			.43	.40	T	.06	.13					.49				T			1.65			T		.50	2.05	T	.47			6.21
MARIETTA R								.16						1.02				.68		.17	.24	.02	.04					.10	.10			2.43
MARION						.35	.26		.02	.08	.03	.01				.67	.06	T	.19	.18				.26								2.11
MARSA R	.50				.91			.34	.82						.10					.25	.23	.05	.02			.10			1.23			4.55
MARSEILLES LOCK						2.30		.59	.23	.24		T							.13		.32	.26					.37		1.30	.28		6.02
MARSHALL 1 W										.08	.55						.10		2.15	.03			.01	.20		.06			.15	.18		3.51
MARCOTTAH			T			.11	.11	T	.61	.56		T	.14	.14	.02	.01		T	T	1.86		.01	.03	T	T					.11		3.71
MASON CITY R	.29				.23	.05		.77	.45					.95	.20		-			-	-	-							.05			-
MATTOON							.48	.20	2.11				T			.02	.15		.38	.02			.57			.15			.08	.18		4.34
MC HENRY R		.05			.35	.40		.05	-				.06	.20						-						1.30	.07		.22			-
MC HENRY 2 S					.27	.27	.55	.09	.06					.39						T							1.71	.15				4.56
MC LEANSBORO			.02	.10	T	.68			.09	T			.10		.57	.32			.21	1.32				.25						.05		3.71
MEDORA		.29			T	T	2.15	.24	.12	.74						.87		.16	.08	3.70			.28			.02			.33	.27		9.25
MINONK						.40	.72	.10	.33												1.73					.22		.57		.25		4.32
MOLINE WB AIRPORT Z	.01				.01	.22	T	1.06	T									.23		.14	1.13		.03		T	T			.57			3.40
MONMOUTH					.16		.10	.76	.13			.04						.10		.38	.77				T	T			.39			2.83
MONTICELLO		.05			.22	.07	.96	.13	.26												.12	.76			.30	1.33			.41	.16		4.77
MORRIS		.48				1.77		.05	.08	.23									T		.18	.63					.20		.50	.58		4.70
MORRIS 3 NE		.99			T	1.34	.35	.23	.16			T						.05		T	1.08	.10			T	.40			.58			5.28
MORRISON		.50			.27	.98		.15	.02				T					.07		.10	1.50								1.40			4.99
MORRISONVILLE H		.58			.18	.03	.08	.13	.52			.06								.20	.98		.63						.05			3.44
MORRISONVILLE 1 E		.55			.17	.02	.08	.29	1.05	.02		T			T	T				.09	.99		.76		T					.10		4.12
MT CARMEL						.33	.13	.03	.12							.22		.55	1.35	.42		1.10								.02		4.27
MT CARMEL WATER WORKS R						.25	.13		.10						.20			.50	1.25	.31		1.10										3.84
MOUNT CARROLL		.77			T	.53	T	.31	T					T				.08		T	.27					.15	T		.08			2.19
MOUNT OLIVE						.04	.85		.44				.23		T	.15			.04	1.72										.05		3.52
MOUNT PULASKI						.33	.42	.05	1.72	.79									.02	.25		.82	.18					T		.21		4.79
MOUNT STERLING					T	.03	.05	T				.08		.91				.21		1.26	.81	.50	.20		T				.09	.05		4.19
MT VERNON				.06		.19									.26	.11		.09		.35		.18								.06		1.30
MURPHYSBORO WTR WKS R//						.08				.10	-				-	-		.58	.18	.53									-			-
NASHVILLE					.16				1.51	.12		.17			.03			T	T	1.25		.38			.15	.05				.35			4.17
NEWARK 7 E						1.55	.10	.89	.10									T	T		1.75	.30				.12			1.08			5.89
NEW BOSTON DAM 17						.06			.37									.12	.13	.15	.63			.36					1.76	1.96		5.54
NEW BOSTON 2 NW								.45										.22		.34	.38		.48						2.18	1.87		5.92
NEW BURNSIDE					T	.14	.40			.09	2.32		.73		1.70	.02	.02	.10	.06	.03				.07	T					T		5.68
OLNEY						T			.50	.02					T	T			.40			T										0.92
OREGON POWER PLANT Z		.38			T	.44		.09						.38				T		.03	.35					.23	.42		1.55	.03		3.90
OTTAWA					.14	.84	1.10	.51	.10			T									.62					.85			.95			5.11
PALESTINE								T	.40							.02		.20	.90			.33	1.64			.18						3.67
PANA						T	.73	.01	.39	.13		T			T	T		.03	.06	.34		.02	.48		.14					.09		2.42
PARIS WATER WORKS								.15	.05				.15					.22	2.50				.13			.20		.50	1.30		5.20
PAW PAW						1.66		.04	.45					.02						.09	1.43	.02				.16	.10		.71			4.68
PEORIA LOCK AND DAM R//	.85				.05		.05	1.19	.11			.02						.09		.07	.90	.14	.70						.30			4.47
PEORIA WB AIRPORT H	T				.04		.12	1.62	.09			.02						.12		.05	2.06	.03	.62		.15	T			.04	.07		4.93
PEOTONE						.22		.69	.55									T		.15	1.71	.67				.11	1.31		.45			5.86
PERU					.02	.06		2.65	1.00	.13											.30	1.45					.04	.02	.03			5.70
PETERSBURG					1.50		.05	.37	.78			.03			.10					.42	.33		.19	.02	.17				.11	.35		4.42
PIPER CITY R					.47	.10		.13	.05												1.67	.23				.62		.11				3.38
PITTSFIELD WATER WORKS R						-	-	-	-	-	-	-	-	-	-	.20		.18	.30	3.61	.33	.15	-						.15			-
PLEASANT HILL 2 E							1.43	.36	.41	.18				.43		.07		.37	1.04	3.04		.12	.31		.38					.25		8.39
PONTIAC						.72	.01	.39	.75			T						T		T	1.71	.22	T		.01	.12			3.10	.04		7.07
PRINCETON 1 S R//							.85	.03	.10											.05	2.96		.01			.17			.02			4.19
PRINCEVILLE 2 NW		T			T	.21		.11	.24			.07						.05		.05	1.41		T	.02		.03	T		.12			2.31
PROPHETSTOWN R	.25				.05	.65		.30	.63									.05		.07	2.58								.50			4.98
QUINCY							T		.06	.02		.79						.24	.36	5.09		.53	.42						.20	.09		7.80
QUINCY CAA	T				T		T		T			.53	T	T				.26	.09	3.41	.75	.11	.06	T	T				.09			5.30
QUINCY DAM 21 Z								1.26	.03	.10		.10	.88	.02				.02	.76	5.83	1.73	.42	T							.23		11.38
QUINCY MEMORIAL BRIDGE								.07	.12	.07			.85						.98	3.40	2.53	.50	.33							.27		9.12
RANTOUL CHANUTE AF Z					T	.06	T	T	.10											.01	1.19	.22	.75		.20	.50			.11	T		3.14
RED BUD		.29				.02			.57	.07		.42	.01		.06	.04		.04		1.14		.33		.03	.11	1.21				.01		4.35
RICHVIEW R						.15			1.74				.03		.58			.25		.49		.16				.10						3.50
ROBERTS 3 N						.49	.60	.37	.27									.19		.11	.80	1.10	.12		.43	.67			.38			5.53
ROCHELLE					.98	.40		.05	.77									.03		.06	.83					T	.35		.69			4.16
ROCKFORD		.06			.01	1.50			.16				.90					T		.53							.76	.01				3.93
ROCKFORD CAA	.12				.18	.73		.01	.11				.44	.42				.03		T	.86					.29	T		1.10			4.29
ROCK ISLAND DAM 15		.10				.02	2.49	T	T	T					T			.13	.07	T	1.56	T	T	.06			T		.88	.32		5.63
RUSHVILLE		.29					.58	.02	T			.02			.33			.03		.88		1.35	1.47									4.98
STE MARIE MISSION HSE										.23			.07	T			T	T	.33	T			.03	.19	.01					T		0.86
SALEM					.01	.12		.08	.03	.13	.01		.02			2.03		.07	.02	.40	.02	.45								.47		3.86
SHAWNEETOWN NEW TOWN							T	.35	.50	.04	.09		.15	.10		1.17	.96			.07	.78				.03							4.24
SIDELL							.17	.03	.10	.18						T			.52		.05	.36	.01	.12			3.36			1.38	T	6.28
SKOKIE N S TREAT WKS R					.55	.06	.23	.30	.29				.23	1.08							1.36					.11			.34			4.55
SPARTA			.05			.86			.50	.17		T	.33		.02	1.17	T	1.30	.14	1.59		.11		T		.48	T			.48		7.20
SPRINGFIELD WB AIRPORT Z	.01				.98		T	.57	.41			T					T	.01	T	.45	.79	.08	.02			T			.10	.01		3.43
SPRINGFIELD WB CITY Z	.21	T		T	.95	.06	.02	.81	.17			.01			T		.02	T		.51	.65	.24	.01			T			.12			3.88
STICKNEY W SIDE TREAT R					.80	.37	.40	.13	.52												1.51				.01	.03			.13			3.90
STOCKTON		.95				.76	.60						.18					.02			.63	.20		T			.76					4.08
STREATOR					T	.40	.60	.36	.29			T						T		T	1.15					.54			3.27			6.61
SULLIVAN WATER WORKS R//		.07					.22	.24			.01	.03						.33	.09			.02	1.08					.05				2.14
SYCAMORE					3.70	1.33		.91	.33					.38			T			.03	.73						.25		.72			8.38
TABLE GROVE T						.55	.83	.19	.02			T		.04	.04			.04		.38	.34	.32	.43			T			T	.14		3.32
TAYLORVILLE				T		.27		.40	.23				.09	.07						.42	.02		.07		.03				.04	.06		1.70
TISKILWA					.24	.04	.19	T	.31											.02	3.83					.10		.13				4.86
TOULON		.10			.89	.21	.10	.36	.23			.05						.07		.17	.77		T						.03	.33		3.31
TUSCOLA					.10	.25	1.50	.18	.04											.19		.36	.95		.20	.08	.02		.01	.03		3.91
URBANA						.09	1.19	.01	.32								.04		1.05		.03	.53			T	.80			.57	.30		4.93
URBANA EXP FARM R					T	.55			.72								.40		.87	.04	.26	.34			.01	.30			.32	.31		4.12
URBANA WATER WORKS						.09	1.42		.43	.02									1.04		.03	.41	.01			.88	.01		.52	.16		5.02
UTICA STARVED ROCK DAM						.58	.24	1.73	.11	.05											.22	.86					.17		.10	.63		4.69
VANDALIA Z									.35								.43	.45	.21	.35	.21				T							2.00
VIRDEN	.11	.25			T	T	1.30	T	1.17	.25		T	.34			.52		T	.03	1.16		.08	.66			T			T	.12		5.99
WALNUT	.03				T	1.61	.25	.02	.13									T		T	2.15					T	.09		T			4.28
WARSAW					.06			1.46	.15			.33						.10		1.23		.11							T			3.44
WASHINGTON R					.18	.28	.06	.33	.18			.08						.28			1.00	.02	.35		.03				.31	.06		3.21
WATERLOO					.04	1.02		.13	.46	.17			.23				T	.09	T	3.75					.71					.03		6.83
WATERMAN R//					.43	.11		.10	.20											.03	1.71					.15			.56			3.69
WATSEKA						.01	.25	.52	1.40					.05				.03		.01	4.12	1.82	T		.39	1.90			.29	.11		10.69
WAUKEGAN					.08	.37	.04		.01					.72							.24						1.88		.63			3.91
WAYNE CITY							.68			.50			.04			.07	T		.50	.07	.10		.22			.17			.04			2.36
WENONA H					.80			.09	.51											.23	2.54					.16			1.22			5.55
WEST FRANKFORT 6 E H						.20			.02	.08			.46		.80	.04	.20			.33													2.10
WHEATON COLLEGE					.05		.50	1.60	.20		.05									T	1.60								.02			4.02
WHITE HALL 1 E				T	.12	T	T	T	.45			.01	.07		.20	.35		.02	.01	2.96		.07	1.00	.07	.16	T				.81		6.39
WILCOX									.12	.30						3.30	.30	.07	.80							.10						4.99
WINDSOR		.04				T		.95	.54	.92						.18	T	.07	.08	.08			.03	.38		.16			.06			3.51

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																										
BEARDSTOWN LAGRANGE DAM	//																						1.17		.01	1.18
BELVIDERE SEWAGE PLANT																				.99	.01	.01	.02			1.03
CRETE																	.33	.04	.01							.38
FREEPORT SEWAGE PLANT																			.04		.02	.11	.05			.22
FULTON DAM 13																				.20	.01	.06			.01	.28
JOLIET WB AIRPORT	6																			*	*	*	*	*	.10	
LANARK																				.41	.02	.10	.04		.01	.58
LOCKPORT LOCK AND DAM																				.02	.60					.62
LOCKPORT POWER HOUSE																					.56					.56
MAROA																						.47	.03			.50
MASON CITY																							.20	.09		.29
MOLINE WB AIRPORT	//																					.01				.01
OREGON POWER PLANT	//																		*	*	.35	.02	.01			.38
PEORIA LOCK AND DAM	//																		.27	.57					.01	.85
ROCKFORD CAA	6													*	*	*	*	*	.06	*	*	*	*	*	.06	
SPRINGFIELD WB AIRPORT	//																							.01		.01
—2d—																										
GREENFIELD													-	-	-	-	-	-	-	-	-	-	-	-	-	-
JACKSONVILLE SEWAGE PL																		.23								.23
KEWANEE BAKER PARK				.01	.02	.03																				.06
LOCKPORT POWER HOUSE														.01												.01
MC HENRY				*	*	*	*	*	.05																	.05
MORRISONVILLE										.01	.01						.54			.02						.58
—3d—																										
COLLINSVILLE																	.07									.07
—5th—																										
BEARDSTOWN LAGRANGE DAM	//												.02													.02
BELVIDERE SEWAGE PLANT										.32	.37	.01	.01	.24	.01	.01	.01	.06		.01	.02	.03			.05	1.15
CAIRO WB CITY																							.12			.12
CARPENTER 1 SW																							.20			.20
CHICAGO CAL TREAT WKS										.01						.03					.03			.05		.12
CHICAGO LOYOLA UNIV														.01	.01						.07	.04	.01		.44	.58
CHICAGO N BRA PUMP STA															.10						.04	.04		.02	.66	.86
CHICAGO SAN DIST DISPAT															.38						.02			.57	.13	1.10
CHICAGO SAN DIST OFF													.01		1.51						.02	.01		.52	.03	2.10
CHICAGO UNIVERSITY														.02	.61						.01			.05	.02	.71
CHICAGO WB AIRPORT																				.01	.02			.54	.03	.60
CHICAGO WB CITY															1.47						.04	.47	.13			2.11
CRETE																							.13		.02	.15
DOWNS 2 NE																				.27	.78	.03				1.08
DWIGHT STATE REFORM																						.53	.52	.03	.01	1.09
EVANSTON PUMP STA														.21	.01						.08	.06	.01		.29	.66
FAIRBURY WATER WORKS	//																				.09	.40	.04	.01	.01	.55
FARMER CITY																				.27	.02					.29
FREEPORT SEWAGE PLANT											.01						.01				.01	.02	.08			.13
FULTON DAM 13					.09	.01											.27	.49	.07		.01	.28		.01	.01	1.24
HUDSON LK BLOOMINGTON																		.01				.13	.11			.25
ILLINOIS CITY DAM 16															.20					.01	.02					.23
JACKSONVILLE SEWAGE PL													-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOLIET WB AIRPORT	6																			*	*	*		*	.63	
KANKAKEE SEWAGE PLANT												.02						.19	.01				.07	.13	.04	.46
KEWANEE BAKER PARK																								.06		.06
LANARK																.48	.61	.01	.01	.01	.03	.01		.02	.02	1.20
LAWN RIDGE													-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT LOCK AND DAM																							.15	.40	.08	.63
LOCKPORT POWER HOUSE																								.49	.09	.58
MAROA SEWAGE PLANT														*	*	*	*	*	*	*	*	*	*	*	.91	.91
MASON CITY																.01	.07		.09	.04	.01	.01				.23
MC HENRY									.02			.01	.04		.01		.01			.01	.15	.07	.03			.35
MOLINE WB AIRPORT	//																			.01						.01
MORRISONVILLE																		.18								.18
OREGON POWER PLANT	//																.04	.06	.08	.05			.03			.26
PEORIA LOCK AND DAM	//																		.02	.02	.01					.05
PEORIA WB AIRPORT																				.04						.04
PIPER CITY																							.43	.02	.02	.47
ROCKFORD CAA	6							*	*	*	*	*	.03	*	*	*	*	*	.02	*	*	*	*	*	.13	
SKOKIE N S TREAT WKS																					.09	.05	.03		.38	.55
SPRINGFIELD WB AIRPORT	//														.17	.09	.12	.44	.02	.11	.01	.02				.98
—6th—																										
BELVIDERE SEWAGE PLANT										.01			.01		.58	.68		.01		.01						1.30
BRADFORD CAA	6													*	*	*	*	*	.01							
CAIRO WB CITY													.07	.06	.06											.19
CAMP ELLIS														.28	.42	.03	.01	.01	.01	.06	.04					.58
CARPENTER 1 SW														.28	.06											.34
CHICAGO CAL TREAT WKS												.27	.52	.02					.03	.08		.02				.94
CHICAGO LOYOLA UNIV		.01																								.01
CHICAGO N BRA PUMP STA		.01												.02												.03
CHICAGO SAN DIST DISPAT		.01	.01						.03					.18												.23
CHICAGO SAN DIST OFF		.01												.03												.04
CHICAGO UNIVERSITY		.02	.01																	.02	.01					.06
CHICAGO WB AIRPORT			.01					.09											.03							.13
CHICAGO WB CITY		.03						.10	.03					.02	.01	.01										.20
CISNE BROWN CAMP														.10	.02	.02										.14
COLLINSVILLE													.09	.02												.11
CRETE		.01			.02	.01	.01												.03	.13	.01					.22
DWIGHT STATE REFORM		.01	.01	.09	.01																					.12
EFFINGHAM CAA	//													*	*	*	*	*	.07							.07
EVANSTON PUMP STA		.01								.01																.02
FAIRBURY WATER WORKS	//																				1.21	.01		.02	.02	1.26
FREEPORT SEWAGE PLANT		.01	.01			.03			.02								.01									.08
GALATIA														.04		.08										.12
GLENDALE EXP FARM														.05	.01											.06
GOLCONDA DAM 51														.05	.05	.02										.12
GREENFIELD														1.22	.12	.01										1.35
HOOPESTON																										.80
HUDSON LK BLOOMINGTON																					.51	.19	.10			.03
JACKSONVILLE SEWAGE PL													.02	.03								.03				.05
JOLIET WB AIRPORT	6	*	*	*	*	*	.03																			
KEWANEE BAKER PARK														.01	.39	.02	.01									.43
LANARK			.01	.01													.08	.04								.14
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT LOCK AND DAM		.04	.01																							.05
LOCKPORT POWER HOUSE		.04																								.04
LOUISVILLE															.73	.01	.01	.01								.76
MASON CITY																		.05								.05
MC HENRY															.01	.01	.02	.01	.20	.14	.01					.40
MOLINE WB AIRPORT	//															.04	.15	.03								.22

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MORRISONVILLE														.03											.03
MT CARMEL WATER WORKS															.24	.01									.25
MURPHYSBORO WATER WORKS //												.05	.02	.01											.08
OREGON POWER PLANT //													.21												.21
PIPER CITY																						.10			.10
PITTSFIELD WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW													.10	.04		.01									.15
ROCKFORD CAA 6													*	*	*	*	*	.73							
SKOKIE N S TREAT WKS					.01			.03	.01				.01												.06
WEST FRANKFORT 8 E														.16	.04										.20
												-7th-													
BEARDSTOWN LAGRANGE DAM //							1.54	.13				.02	.01		.01										1.71
BRADFORD CAA 6													*	*	*	*	*	.05							
CAIRO WB CITY			.04	.70		.04	.06	.01																	.85
CAMP ELLIS									.08				.03	.01	.01	.01	.01								.14
CHICAGO LOYOLA UNIV									.05	.08	.05													.25	.43
CHICAGO N BRA PUMP STA									.01	.18	.10													.05	.34
CHICAGO SAN DIST OFF								.01		.02	.04														.07
CHICAGO WB AIRPORT										.07	.01													.01	.09
CHICAGO WB CITY								.02	.04	.17															.23
DIONA																	.08								.08
DOWNS 2 NE						.03	.27									.45	.02								.77
DWIGHT STATE REFORM											.50	.03	.27	.02											.82
EVANSTON PUMP STA										.06	.05	.01												.07	.19
GLENDALE EXP FARM						.24	.04																		.28
GOLCONDA DAM 51								.01	.01	.01				.35	.42	.01									.81
GREENFIELD											.02		.03	.01	.01	.01									.08
HOOPESTON							.02	.02																	.04
HUDSON LK BLOOMINGTON										.06	.10	.02	.18												.36
JACKSONVILLE SEWAGE PL														.03											.03
KANKAKEE SEWAGE PLANT																								.02	.02
KEWANEE BAKER PARK														.40	.01	.01	.01	.02	.01						.46
LOCKPORT LOCK AND DAM																					.03	.01	.01		.05
LOCKPORT POWER HOUSE																						.08			.08
LOUISVILLE																		.03							.03
MORRISONVILLE															.05	.02	.01								.08
MT CARMEL WATER WORKS																		.13							.13
PEORIA LOCK AND DAM //																						.05			.05
PEORIA WB AIRPORT					.01						.01											.10			.12
QUINCY DAM 21											.65	.15			.03	.02	.34	.11							1.30
SKOKIE N S TREAT WKS										.03	.09	.04												.07	.23
												-8th-													
BEARDSTOWN LAGRANGE DAM //																			.01						.01
BELVIDERE SEWAGE PLANT															.10										.10
BRADFORD CAA 6													*	*	*	*	*	.29	*	*	*	*	*	.41	
CAMP ELLIS													.01					.01	.43	.03					.48
CARPENTER 1 SW																				.08					.08
CHICAGO LOYOLA UNIV													.02												.02
CHICAG N BRA PUMP STA													.01												.01
CHICAGO SAN DIST DISPAT												.12							.80						.92
CHICAGO SAN DIST OFF									.01										.45						.46
CHICAGO UNIVERSITY																			.04						.04
CHICAGO WB AIRPORT												.06						.25	.09						.40
CHICAGO WB CITY													.02	.01					.67	.02					.72
CRETE														.05							.03		.01		.09
DWIGHT STATE REFORM																				.03					.03
EFFINGHAM CAA //															.06				.03						.09
EVANSTON PUMP STA						.01														.11					.12
FAIRBURY WATER WORKS //																.16			.02					.01	.19
FARMER CITY																.01				.02					.03
FREEPORT SEWAGE PLANT										.01	.09	.01		.01											.12
FULTON DAM 13																	.33	.07							.40
GREENFIELD											.37	.01			.01		.05	.01		.45	.15	.13			1.18
HUDSON LK BLOOMINGTON																.30									.30
ILLINOIS CITY DAM 16																				.03	.09	.08			.20
JACKSONVILLE SEWAGE PL													.32							.08	.10	.42			.92
KANKAKEE SEWAGE PLANT																	.01	.01	.02						.04
KEWANEE BAKER PARK							.01	.01	.01	.44	.03				.06		.14	.01	.03			.08	.01	.01	.84
LANARK														.12											.12
LAWN RIDGE												.15				.33		.05	.04	.01	.01	.01	.01	.01	.62
LOCKPORT POWER HOUSE											.01														.01
MARIETTA																				.15	.01				.16
MAROA SEWAGE PLANT																.20	.12	.02							.34
MASON CITY														.27	.06								.24	.20	.77
MC HENRY			.03						.01	.01															.05
MOLINE WB AIRPORT //																		.24	.70	.07	.03	.01	.01		1.06
MORRISONVILLE											.02	.02		.08									.01		.13
OREGON POWER PLANT //														.09											.09
PEORIA LOCK AND DAM //									.05	.10	.09				.39	.01	.31				.10			.14	1.19
PEORIA WB AIRPORT															.36		.29	.02		.16	.44			.35	1.62
PIPER CITY																				.13					.13
QUINCY DAM 21																		.02							.02
ROCKFORD CAA 6							*	*	*	*	*	.01													
SKOKIE N S TREAT WKS	.11																		.06	.13					.30
SPRINGFIELD WB AIRPORT //																					.07	.04	.46		.57
												-9th-													
BEARDSTOWN LAGRANGE DAM																									
BELVIDERE SEWAGE PLANT									.08	.07			.01					.05		.05	.05				.15
BRADFORD CAA 6							*	*	*	*	*	.01	*	*	*	*	*	.05							.16
CARPENTER 1 SW													.07												.07
CHICAGO CAL TREAT WKS						.21	.92	.01		.31	.01				.10	.01									1.57
CHICAGO LOYOLA UNIV							.03					.14	.02	.53											.72
CHICAGO N BRA PUMP STA							.01	.01				.08	.01	.36											.47
CHICAGO SAN DIST DISPAT						.04	.04			.08	.17				.07										.40
CHICAGO SAN DIST OFF					.01	.14	.11				.16		.02		.24										.68
CHICAGO UNIVERSITY						.07	.30	.08		.19	.13				.16										.93
CHICAGO WB AIRPORT						.01	.06	.12		.27	.09		.03		.16	.01									.75
CHICAGO WB CITY					.01	.10	.05	.01	.04		.07	.04	.01	.09	.15	.01									.58
CISNE BROWN CAMP										.60	.03	.01									.01				.65
COLLINSVILLE											.63	.03					1.74	.01	.02						2.43
CRETE						.24	.14	.08	.10		.30	.03	.02		.28	.04	.01								1.33
DIONA											.02	.02	.28	.05				.05			.03	.01	.01		.45
DOWNS 2 NE	.02	.13												.06	.18	.04		.14	.01						.60
DWIGHT STATE REFORM		.01	.02	.29	.03						.02													.03	.38
EFFINGHAM CAA													.21	.01	.01			.14	.10	.41	.05				.93
EVANSTON PUMP STA												.14		.17											.31
FAIRBURY WATER WORKS		.01	.04	.04											.05	.03	.05	.03							.25
FARMER CITY	.01	.07													.09	.04									.21
GALATA							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENFIELD									.05			.01		.01		.09	.01								.17

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HOOPESTON										.08				.10	.02	.01	.26	.61	.09							1.17
HUDSON LK BLOOMINGTON			.01	.09													.01	.02	.15	.03						.31
HUTSONVILLE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOLIET WB AIRPORT	6	*	*	*	*	*	.18	*	*	*	*	*	.19	*	*	*	*	*	.09							
KANKAKEE SEWAGE PLANT						.05	.01								.01		.09									.16
LAWN RIDGE			.02	.01									.05									.01	.01	.01		.11
LOCKPORT LOCK AND DAM						.03	.09		.02	.13	.02	.01														.30
LOCKPORT POWER HOUSE							.11	.02		.13	.02		.01													.29
MAROA SEWAGE PLANT									.18	.01	.59			.04												.82
MASON CITY		.04	.01						.02	.01	.02	.02	.01	.01	.01	.05	.25									.45
MC HENRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
MORRISONVILLE																			.41	.11						.52
MT CARMEL WATER WORKS													.10													.10
PEORIA LOCK AND DAM	//	.06	.05																							.11
PEORIA WB AIRPORT		.08	.01																							.09
PIPER CITY				.01	.04																					.05
QUINCY DAM 21																.10										.10
RICHVIEW		.13	.01							.15	.73	.66	.01							.05						1.74
ROCKFORD CAA	6							*	*	*	*	*	.11													
SKOKIE N S TREAT WKS											.05		.02		.22											.29
SPRINGFIELD WB AIRPORT	//														.20			.09					.05	.07		.41
WEST FRANKFORT 8 E													.02													.02
													-10th-													
CAIRO WB CITY							.06									.37	.44									.87
CARPENTER 1 SW															.15	.33										.48
GALATIA		-	-	-	-	-	-	-	-	-	-	-														-
GLENDALE EXP FARM																			.13	.01				.05	.02	.21
GOLCONDA DAM 51																			.25						.01	.26
HUTSONVILLE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURPHYSBORO WATER WORKS	//															.03	.05	.02								.10
WEST FRANKFORT 8 E									.01	.04																.05
													-11th-													
CAIRO WB CITY														.01												.01
GLENDALE EXP FARM				.10	.04	.58	.22	.25	.19	.13	.03			.01	.01											1.56
GOLCONDA DAM 51		.01	.01	.15	.07	.30	.09	.14	.12																	.89
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													-12th-													
BEARDSTOWN LAGRANGE DAM	//														.07	.02	.04	.02								.15
BRADFORD CAA	6													*	*	*	*	*	.01							
CARPENTER 1 SW																		.01	.02							.03
COLLINSVILLE																		.07	.06						.04	.17
DWIGHT STATE REFORM																	.05									.05
GOLCONDA DAM 51																									.01	.01
GREENFIELD																			.02	.03		.01	.01	.04		.11
KEWANEE BAKER PARK													.29	.01												.30
LAWN RIDGE														.01	.02											.03
MORRISONVILLE																							.06			.06
PEORIA LOCK AND DAM	//							.01									.01									.02
PEORIA WB AIRPORT																.02										.02
QUINCY CAA	6							*	*	*	*	*	.44	*	*	*	*	*	.09							
QUINCY DAM 21									.10	.05	.16	.31	.19	.10	.01											.92
													-13th-													
BELVIDERE SEWAGE PLANT																							.15	.15		.30
CAIRO WB CITY														.20												.20
CARPENTER 1 SW			.08	.13	.06																					.27
CHICAGO LOYOLA UNIV																									.13	.13
CHICAGO N BRA PUMP STA																									.07	.07
COLLINSVILLE		.07	.06					.02	.01																	.16
EFFINGHAM CAA	//		.03																							.03
EVANSTON PUMP STA																								.03	.17	.20
FREEPORT SEWAGE PLANT																						.30	.05	.07		.42
GALATIA					.32	.01																				.33
GLENDALE EXP FARM			.48	.14																						.62
GOLCONDA DAM 51		.01	.33	.66	.19									.04			.11									1.34
LANARK																						.10				.10
MC HENRY																								.04	.02	.06
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON POWER PLANT	//																				.34	.01				.35
RICHVIEW															.03											.03
ROCKFORD CAA	6																			*	*	*	*	*	.44	
SKOKIE N S TREAT WKS																								.06	.17	.23
WEST FRANKFORT 8 E			.02		.40	.04																				.46
													-14th-													
BELVIDERE SEWAGE PLANT		.01				.15		.02	.01																	.19
CHICAGO LOYOLA UNIV		.44	.01						.48																	.93
CHICAGO N BRA PUMP STA		.80							.23																	1.03
CHICAGO SAN DIST DISPAT									.01																	.01
CHICAGO WB CITY															.02											.02
COLLINSVILLE																				.80						.80
EVANSTON PUMP STA		.40	.06				.20	.01	.10																	.77
FREEPORT SEWAGE PLANT				.11	.12	.02		.03	.01																	.29
GREENFIELD																			.68							.68
HOOPESTON																.03	.37									.40
LANARK							.02	.01																		.03
MARIETTA																	1.01	.01								1.02
MASON CITY																	.20	.10						.65		.95
MC HENRY		.16					.01	.01	.02																	.20
OREGON POWER PLANT	//																				.01	.01				.02
ROCKFORD CAA	6	*	*	*	*	*	.41	*	*	*	*	*	.01													
SKOKIE N S TREAT WKS		.52	.03				.07		.46																	1.08
													-15th-													
BEARDSTOWN LAGRANGE DAM	//																			.02						.02
CAIRO WB CITY														.06	.27	.75										1.08
CARPENTER 1 SW			.02																							.02
COLLINSVILLE																.14	.23	.01	.01	.01						.40
DOWNS 2 NE								.01	.03																	.04
EFFINGHAM CAA	//									.06	.05															.11
FARMER CITY							.14	.03																		.17
GALATIA									.02			.48	.04	1.11	.03		.01	.01								1.70
GLENDALE EXP FARM			.55	.12																						.67
GOLCONDA DAM 51												.01	.03	.55		.01	.01									.61
LOUISVILLE																		.42	.22	.01	.01		.01			.67
MAROA SEWAGE PLANT								.09	.01																	.10
MASON CITY		.15	.05																							.20
MT CARMEL WATER WORKS													.14	.06												.20

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PITTSFIELD WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW												.16	.34	.06	.02											.58
WEST FRANKFORT 8 E													.50	.30												.80
														—16th—												
CAIRO WB CITY																				.32	.22	.04	.02			.60
CARPENTER 1 SW							.08																			.08
CISNE BROWN CAMP													.03	.17												.20
COLLINSVILLE																	.05	.03	.01	.01						.10
DIONA										.30	.07	.01	.01	.01												.40
GLENDALE EXP FARM																		.17	.02							.19
GOLCONDA DAM 51														-	-	-	-	-	-	-	-	-	-	-	-	-
GREENFIELD					1.04	.05	.08	.03	.03	.01		.01						.14								1.39
LOUISVILLE													.02		.02	.01										.05
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PITTSFIELD WATER WORKS																			.10	.10						.20
WEST FRANKFORT 8 E																	.04									.04
														—17th—												
CISNE BROWN CAMP																	.32	.03								.35
EFFINGHAM CAA	//												-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASON CITY													-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST FRANKFORT 8 E																				.20						.20
														—18th—												
BEARDSTOWN LAGRANGE DAM	//										.10															.10
CAIRO WB CITY																	.10									.10
CAMP ELLIS										.03		.02														.05
CISNE BROWN CAMP															.18											.18
COLLINSVILLE												.14		.02												.16
DIONA										.01	.01	.01	.01	.01												.05
DWIGHT STATE REFORM												.23	.06													.29
FULTON DAM 13									.13																	.13
GLENDALE EXP FARM												.15	.04	.08												.27
GREENFIELD											.09	.05	.01	.01												.16
HOOPESTON													.04				.04									.08
ILLINOIS CITY DAM 16		*	*	*	*	*	*	*	*	*	*	*	.31												.19	.50
JOLIET WB AIRPORT	6							*	*	*	*	*	.01													
KEWANEE BAKER PARK										.27																.27
LAWN RIDGE												.02														.02
MARIETTA										.55	.02	.01														.58
MOLINE WB AIRPORT	//						.01	.06	.13	.03																.23
MT CARMEL WATER WORKS													.19	.31												.50
MURPHYSBORO WATER WORKS	//															.46	.03	.09								.58
OREGON POWER PLANT	//									.01	.01															.02
PEORIA LOCK AND DAM	//										.05	.04														.09
PEORIA WB AIRPORT											.10	.02														.12
PITTSFIELD WATER WORKS										.02	.15	.01														.18
QUINCY CAA	6							*	*	*	*	*	.26	*	*	*	*	*	1.00							
QUINCY DAM 21										.20	.01	.01	.01													.23
RICHVIEW														.24		.01										.25
ROCKFORD CAA	6													*	*	*	*	*	.03							
SPRINGFIELD WB AIRPORT	//												.01													.01
														—19th—												
CAIRO WB CITY											.29	.04														.33
CARPENTER 1 SW																					.11			.02		.13
CISNE BROWN CAMP						.02	.20																			.22
DIONA				.22	.30	.24	.03																	.07		.86
GOLCONDA DAM 51		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENFIELD																				.01			.17	.74	1.60	2.52
HOOPESTON																					1.10					1.10
HUTSONVILLE	//				.17	.81	.42	.04				.07														1.51
ILLINOIS CITY DAM 16		.01																								.01
JACKSONVILLE SEWAGE PL																									.05	.05
LOUISVILLE						.01	.05																			.06
MORRISONVILLE					.05	.05																		.10		.20
MT CARMEL WATER WORKS							.60	.47	.15	.01	.01		.01													1.25
MURPHYSBORO WATER WORKS	//								.01	.17																.18
PITTSFIELD WATER WORKS			.12	.02																		.02	.13	.01		.30
QUINCY CAA	6	*	*	*	*	*	.09																			
QUINCY DAM 21		.53	.05																						.10	.68
														—20th—												
BEARDSTOWN LAGRANGE DAM	//	.08				.10	.10	.10	.05	.07	.03	.23	.22	.11	.01	.02	.01									1.13
BRADFORD CAA	6							*	*	*	*	*	.02													
CAMP ELLIS							.03		.07		.03		.12	.03												.28
CARPENTER 1 SW			.01	.66	.13	.01		.07	.02	.06	.17	.15	.11	.05	.05	.18										1.67
CHICAGO CAL TREAT WKS														.07	.01											.08
CHICAGO UNIVERSITY															.02											.02
CHICAGO WB AIRPORT														.01												.01
CISNE BROWN CAMP																.10	.05		.02	.01						.18
COLLINSVILLE			.35	.38	.02	.02	.03	.52	.11	.17	.10	.09	.06		.09									.01	.02	1.97
CRETE														.12												.12
EFFINGHAM CAA	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
FARMER CITY								.05	.02						.02											.09
FULTON DAM 13									.02	.01																.03
GALATIA												.18	.02	.02												.22
GREENFIELD		.63	.01	.01			.01	.10	.14	.26	.10	.07	.19	.40	.09	.02	.21	.03								2.27
HOOPESTON								.01	.19	.04																.24
ILLINOIS CITY DAM 16								.23	.01	.16	.08															.48
JACKSONVILLE SEWAGE PL		.09			.01	.02	.11	.10	.11	.11		.08	.25	.16	.05	.09	.05									1.23
JOLIET WB AIRPORT	6							*	*	*	*	*	.09													
KANKAKEE SEWAGE PLANT												.28														.28
KEWANEE BAKER PARK											.01	.03	.02	.02												.08
LAWN RIDGE							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LOCKPORT LOCK AND DAM													.10													.10
LOCKPORT POWER HOUSE													.10													.10
LOUISVILLE																.03	.03		.06	.01	.01					.14
MARIETTA									.07		.02	.05	.03													.17
MAROA SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	.25													.25
MASON CITY							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLINE WB AIRPORT									.03		.09	.02														.14
MORRISONVILLE								.13	.01	.01	.20	.03	.05	.07	.34	.01	.10	.02	.01							.98
MT CARMEL WATER WORKS								.13	.04	.02	.01			.02			.08		.01							.31
MURPHYSBORO WATER WORKS				.17	.19	.02	.02			.01	.05	.07														.53
OREGON POWER PLANT													.02	.01												.03
PEORIA LOCK AND DAM											.03	.02	.02													.07
PEORIA WB AIRPORT											.03		.02													.05
PITTSFIELD WATER WORKS		.01		.42	.40	.11	.66	.26	.07		.05	.38	.97	.07	.03	.04	.01									3.51
QUINCY CAA	6	*	*	*	*	*	1.85	*	*	*	*	*	1.47	*	*	*	*	*	.09							

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
QUINCY DAM 21				1.95	.08	.17	2.60	.88	.02		.58	.72	.30	.07	.06											7.43
RICHVIEW			.01		.02	.04	.07				.22	.10	.01	.01	.01											.49
SPRINGFIELD WB AIRPORT	//		.01						.12	.16	.07	.01	.04	.03	.01											.45
WEST FRANKFORT 8 E								.05				.16	.10	.02												.33
														—21st—												
BEARDSTOWN LAGRANGE DAM	//																				.38	.23	.10	.07		.78
BELVIDERE SEWAGE PLANT						.15	.30	.04	.01																	.50
BRADFORD CAA	6	*	*	*	*	*	.91	*	*	*	*	*	1.64	*	*	*	*	*	.02							
CAMP ELLIS									.23														.01	.02	.03	.29
CHICAGO CAL TREAT WKS								.41	.30	.44	.06	.10	.01						.03	.02	.18	.67				2.22
CHICAGO LOYOLA UNIV							.01	.54	.69	.03				.01												1.28
CHICAGO N BRA PUMP STA							.07	.83	.63	.02																1.55
CHICAGO SAN DIST DISPAT					.01		.03	.38	.60	.07	.02								.01	.01						1.13
CHICAGO SAN DIST OFF					.04		.01	.44	.43	.07	.01								.01							1.01
CHICAGO UNIVERSITY		-	-	-	-	-	-	-	-	-	-	-	-	.01					.01	.01						.90
CHICAGO WB AIRPORT							.22	.55	.42	.18	.02	.02							.01	.01						1.43
CHICAGO WB CITY							.06	.56	.45	.02	.01															1.10
CRETE							.04	.76	.24	.86	.09	.06	.03	.01	.01									.04	.11	2.25
DOWNS 2 NE										.20	.03	.01	.08								.16	.57	.05	.03	.01	1.14
DWIGHT STATE REFORM		.06	.14	.12					.12	.08	.18	.06										.80	.01	.01		1.58
EVANSTON PUMP STA								.54	.59	.05										.01						1.19
FAIRBURY WATER WORKS	//									.02	.24	.16	.04		.01				.35		.21	1.19	.05	.01	.10	2.38
FARMER CITY																						.25	.20	.26	.01	.72
FREEPORT SEWAGE PLANT					.33	.14	.16	.02	.03											.03						.71
FULTON DAM 13			.03	.52	1.35	.20	.05																			2.15
HOOPESTON				.02			.03	.02	.01				.01		.01	.01							.40	.13	.05	.69
HUDSON LK BLOOMINGTON			.13							.11	.35	.09	.07						.04		.13	.21		.02	.37	1.52
ILLINOIS CITY DAM 16			.19	.03	.05																					.27
JACKSONVILLE SEWAGE PL																									.10	.10
JOLIET WB AIRPORT	6	*	*	*	*	*	.57	*	*	*	*	*	.62	*	*	*	*	*	.03							
KANKAKEE SEWAGE PLANT				.04	.11		.36	.04	.05	.43	.22	.14	.04										.89	.16		2.48
KEWANEE BAKER PARK						.47	.48	.55	.10																	1.60
LANARK				.05	.03	.10	.02	.03																		.23
LAWN RIDGE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.28	2.28
LOCKPORT LOCK AND DAM						.10	.33	.32	.34	.08	.08	.01				.01			.01	.01						1.29
LOCKPORT POWER HOUSE					.03	.09	.37	.17	.56	.11	.07	.01							.01	.02						1.44
LOUISVILLE									.01																	.01
MARIETTA								.10	.09		.01						.03								.01	.24
MAROA SEWAGE PLANT																						.10		.10	.03	.23
MC HENRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOLINE WB AIRPORT	//			.01	.30	.70	.01	.08	.03																	1.13
OREGON POWER PLANT	//				.01	.09	.25		.01																	.36
PEORIA LOCK AND DAM	//								.08	.32	.34			.01										.01	.14	.90
PEORIA WB AIRPORT								.02	.31	1.29	.37	.01													.06	2.06
PIPER CITY				.70	.05						.01	.16	.17	.03						.35			.12	.03	.05	1.67
PITTSFIELD WATER WORKS																						.33				.33
QUINCY CAA	6													*	*	*	*	*	.20	*	*	*	*	*	.55	
QUINCY DAM 21																						.12	.07	.01		.20
ROCKFORD CAA	6							*	*	*	*	*	.81	*	*	*	*	*	.05							
SKOKIE N S TREAT WKS								.60	.70	.06																1.36
SPRINGFIELD WB AIRPORT	//																						.55	.22	.02	.79
														—22d—												
BEARDSTOWN LAGRANGE DAM	//		.01	.04	.05																					.10
CAMP ELLIS		.01		.01			.08	.02																		.12
DOWNS 2 NE		.06																								.06
DWIGHT STATE REFORM		.01																								.01
FAIRBURY WATER WORKS	//		.08																							.08
FARMER CITY		.08	.02	.01	.01		.06																			.18
FULTON DAM 13																.03										.03
GREENFIELD												.06	.18		.01											.25
HOOPESTON		.10	.05					.03	.02	.01																.21
HUDSON LK BLOOMINGTON		.03	.04					.01	.01																	.09
HUTSONVILLE	//															.14	.01									.15
JACKSONVILLE SEWAGE PL				.15	.03	.02	.03																			.23
KANKAKEE SEWAGE PLANT			.09	.08					.01																	.18
LANARK																				.05						.05
LOUISVILLE																	.02	.01	.01							.04
MARIETTA			.01				.01																			.02
MAROA SEWAGE PLANT		.02	.03																							.05
MT CARMEL WATER WORKS														.45	.64	.01										1.10
PEORIA LOCK AND DAM	//	.01					.13																			.14
PEORIA WB AIRPORT								.03																		.03
PIPER CITY		.06	.03	.14																						.23
PITTSFIELD WATER WORKS		.05	.05	.05																						.15
QUINCY CAA	6	*	*	*	*	*	.11																			
QUINCY DAM 21				.13	.12																					.25
RICHVIEW																.05	.05	.03	.03							.16
SPRINGFIELD WB AIRPORT	//		.01			.06		.01																		.08
														—23d—												
BEARDSTOWN LAGRANGE DAM	//			.08	.05		.02																			.15
CAMP ELLIS						.02	.02	.14	.03																	.21
DIONA														1.98	.06		.01									2.05
DOWNS 2 NE								.13	.22	.08	.03															.46
FAIRBURY WATER WORKS	//										.01	.01	.02													.04
FARMER CITY					.01						.10															.11
HOOPESTON								.05				.04	.01													.10
HUDSON LK BLOOMINGTON										.05	.27	.04								.01	.01					.38
HUTSONVILLE	//											.80	.03													.83
ILLINOIS CITY DAM 16																			.02		.02	.06				.10
MARIETTA									.04																	.04
MAROA SEWAGE PLANT					.02																					.02
MASON CITY					.02																					.02
MOLINE WB AIRPORT	//																						.03			.03
MORRISONVILLE															.47	.16										.63
PEORIA LOCK AND DAM	//								.28	.11	.01							.28	.02							.70
PEORIA WB AIRPORT									.03	.05	.02							.11	.31							.52
PITTSFIELD WATER WORKS																			-	-	-	-	-	-	-	-
SPRINGFIELD WB AIRPORT	//																	.01	.01							.02
														—24th—												
CAIRO WB CITY														.03												.03
CHICAGO LOYOLA UNIV						.05																				.05
CHICAGO N BRA PUMP STA						.03																				.03
CISNE BROWN CAMP																				.05						.05
FREEPORT SEWAGE PLANT				.01																						.01
GALATIA														*	*	*	*	*	*	*	*	*	*	*	.08	.08
GLENDALE EXP FARM																		.08								.08
LOUISVILLE													-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
—25th—																									
CAIRO WB CITY													.01												.01
CHICAGO WB AIRPORT																.06									.06
EFFINGHAM CAA //																		.11							.11
FAIRBURY WATER WORKS														.26											.26
FARMER CITY													.01	.01	.08	.14									.24
HUDSON LK BLOOMINGTON															.01										.01
PEORIA WB AIRPORT															.15										.15
—26th—																									
BELVIDERE SEWAGE PLANT																	.13		.27	.76	.02				1.18
BRADFORD CAA 6							*	*	*	*	*	.28													
CAMP ELLIS																.05									.05
CARPENTER 1 SW																.12									.12
CHICAGO CAL TREAT WKS												.01	.19	.10		.01									.31
CHICAGO LOYOLA UNIV														.02								.07			.07
CHICAGO SAN DIST DISPAT														.01											.02
CHICAGO SAN DIST OFF														.03	.01										.01
CHICAGO UNIVERSITY													.01	.03											.04
CHICAGO WB AIRPORT														.02											.02
CHICAGO WB CITY												.16	.05	.11	.05										.37
CRETE										.06	.02														.08
DOWNS 2 NE										.52	.65														1.17
DWIGHT STATE REFORM																						.24			.24
EVANSTON PUMP STA											.04		.01		.09	.22									.36
FARMER CITY																		.01	.29						.30
FREEPORT SEWAGE PLANT												.57	.38	.05	.02	.03		.01							1.06
HOOPESTON															.01										.01
HUDSON LK BLOOMINGTON																									
JOLIET WB AIRPORT 6							*	*	*	*	*	.27	*	*	*	*	*	.04							
KANKAKEE SEWAGE PLANT													.10												.10
LANARK																			.07	.12					.19
LAWN RIDGE														.03											.03
LOCKPORT LOCK AND DAM												.58	.03	.02											.63
LOCKPORT POWER HOUSE													.58												.58
MAROA SEWAGE PLANT																	.10								.10
MC HENRY																				1.00	.28	.01	.01		1.30
OREGON POWER PLANT //																.23	.19	.08	.04	.08					.62
PIPER CITY												.57	.05												.62
RICHVIEW															.05			.03	.02						.10
ROCKFORD CAA 6													*	*	*	*	*	.03	*	*	*	*	*	.26	
SKOKIE N S TREAT WKS																						.11			.11
—27th—																									
FARMER CITY										.01															.01
MC HENRY																.07									.07
—28th—																									
CAIRO WB CITY													.02												.02
CAMP ELLIS																							.07		.07
GOLCONDA DAM 51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARIETTA																							.10		.10
PIPER CITY									.10		.01														.11
—29th—																									
BEARDSTOWN LAGRANGE DAM //									.03	.01															.04
BELVIDERE SEWAGE PLANT									.15	.15	.11	.01			.01										.43
BRADFORD CAA 6	*	*	*	*	*	.02													*	*	*	*	*	.04	
CHICAGO CAL TREAT WKS							.04	.03	.01	.06															.14
CHICAGO LOYOLA UNIV									.08				.49	.06											.63
CHICAGO N BRA PUMP STA											.02		.05	.06											.13
CHICAGO SAN DIST DISPAT								.04	.04					.02											.10
CHICAGO SAN DIST OFF									.01																.01
CHICAGO UNIVERSITY									.01	.03															.04
CHICAGO WB AIRPORT								.04	.02	.02															.08
CHICAGO WB CITY								.02	.01																.03
CRETE						.07	.09	.09	.06	.05															.36
DOWNS 2 NE			.29	.72	.75	.49	1.38	.06	.02																3.71
DWIGHT STATE REFORM			.09	.41	.15	.24	.01	.03	.01	.01							.21								1.16
EVANSTON PUMP STA									.12				.12	.04											.28
FAIRBURY WATER WORKS //				.15	.54	.67	.12										.42	.05							1.95
FARMER CITY				.02	.13	.61	.42	.12	.01	.01	.14	.01	.01												1.48
FULTON DAM 13													.15	.55	.25	.04									.99
GALATIA																.20		.01							.21
GREENFIELD																					.02	.08	.06	.01	.17
HOOPESTON							.03	.08	.15	.02								.12							.40
HUDSON LK BLOOMINGTON				.43	.08		.21	.10										.02							.84
ILLINOIS CITY DAM 16		.09	.76	1.50	.33			.01	.01				.43	.10	.10	.02									3.35
JACKSONVILLE SEWAGE PL	.10						.02																		.12
JOLIET WB AIRPORT 6	*	*	*	*	*	.13	*	*	*	*	*	.29													
KANKAKEE SEWAGE PLANT						.09	.14																		.23
KEWANEE BAKER PARK						.05																			.05
LANARK													.29	.03	.01										.33
LAWN RIDGE		.06	.03																						.09
LOCKPORT LOCK AND DAM							.15	.04	.12	.07	.01			.01											.40
LOCKPORT POWER HOUSE					.01	.02	.15	.04	.09	.07															.38
MARIETTA		.10																							.10
MAROA SEWAGE PLANT				.20	.05	.03	.27	.65	.03																1.23
MASON CITY					.05																				.05
MC HENRY									.06		.06	.03		.01	.01	.05									.22
MOLINE WB AIRPORT //				.02	.03	.01							.12	.30	.03	.06									.57
MORRISONVILLE																					.01	.01	.01	.02	.05
MURPHYSBORO WATER WORKS //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON POWER PLANT //													.06	.90	.45		.01	.07							1.49
PEORIA LOCK AND DAM //		.30																							.30
PEORIA WB AIRPORT		.04																							.04
PITTSFIELD WATER WORKS																									
QUINCY CAA 6							*	*	*	*	*	.02							.03	.07	.05				.15
QUINCY DAM 21																			*	*	*	*	*	.07	
ROCKFORD CAA 6									.03	.07	.02								.04	.06					.22
SKOKIE N S TREAT WKS							*	*	*	*	*	1.10													
SPRINGFIELD WB AIRPORT //								.04	.04	.01			.19	.06											.34
																							.05	.05	.10
—30th—																									
BRADFORD CAA 6	*	*	*	*	* *	.03																			
CHICAGO CAL TREAT WKS					.01																				.01
CHICAGO LOYOLA UNIV					.01																				.01
DIONA			.07	.02																					.09

See reference notes following Station Index.

Table 4–Continued

HOURLY PRECIPITATION

JULY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DOWNS 2 NE					.03	.02	.01																		.06
EFFINGHAM CAA //			.07																						.07
EVANSTON PUMP STA					.01																				.01
GREENFIELD	.03	.29	.01				.01	.01	.01																.36
HOOPESTON	.01					.01		.10	.01																.13
HUTSONVILLE //		.73																							.73
PEORIA WB AIRPORT		.05		.02																					.07
SPRINGFIELD WB AIRPORT //	.01																								.01
										—31st—															
AUGUSTA HIGH SCHOOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELLEVILLE SCOTT AF BSE //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DANVILLE WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOUGLAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANKAKEE SEWAGE PLANT								.02	.01																.03
PARIS SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRAIRIE DU ROCHER W WKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VANDALIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	96	95	96	95	91	92	89	89	89	83	85	83	86	84	88	88	88	87	86	82	91	85	87	89	89	92	86	92	86	80	80	88.0
	MIN	74	71	72	72	74	71	73	73	73	65	59	68	62	66	60	62	64	68	67	65	72	65	64	71	71	72	73	74	66	63	59	68.0
ALTON DAM 26	MAX	99	100	97	96	92	97	92	88	91	91	90	88	87	94	85	85	86	84	93	80	96	90	92	87	90	94	94	94	95	85	85	90.9
	MIN	74	76	74	73	73	74	71	72	76	73	64	65	64	68	62	67	74	68	72	65	72	74	70	72	72	72	70	72	69	68	60	70.2
ANNA	MAX	95	93	93	91	89	87	89	86	93	89	85	90	83	88	89	86	83	88	87	88	89	90	89	85	86	88	90	91	93	88	83	88.5
	MIN	71	71	70	71	69	70	69	72	74	71	68	66	70	67	70	67	65	66	66	73	75	72	72	68	72	71	72	69	72	69	61	69.6
ANTIOCH	MAX	93	88	94	93	90	87	78	83	86	79	80	82	86	80	79	85	85	87	86	83	84	81	82	88	89	90	89	90	87	78	74	85.0
	MIN	71	73	68	72	70	70	69	69	70	60	54	65	68	64	56	60	62	66	65	63	68	62	58	67	71	73	68	76	69	59	53	65.8
AURORA COLLEGE	MAX	98	94	97	96	97	90	85	88	88	88	84	84	88	88	79	87	89	88	89	83	85	83	85	90	87	85	90	91	90	71	78	87.6
	MIN	70	60	68	67	69	69	73	71	73	68	69	62	58	64	55	56	58	64	62	61	67	65	58	62	69	71	70	75	68	60	50	64.9
BELLEVILLE SCOTT AF	MAX	97	95	94	94	90	87	90	88	89	86	86	87	82	89	85	85	84	86	89	79	92	88	91	86	84	90	90	91	93	84	80	88.1
	MIN	75	78	75	75	74	74	72	74	74	74	69	67	68	71	71	69	68	69	68	70	74	75	74	73	73	74	73	71	73	69	62	71.8
BLOOMINGTON NORMAL	MAX	97	97	96	96	92	92	88	88	87	85	85	78	85	86	84	88	88	88	92	90	92	90	84	91	91	89	92	93	92	90	78	89.2
	MIN	75	72	74	73	76	70	73	72	74	68	57	64	59	63	62	61	61	69	70	68	71	67	64	71	72	71	72	73	70	66	57	68.2
CAIRO WB CITY	MAX	95	93	93	93	91	90	88	90	95	90	86	92	85	89	87	88	87	90	90	93	92	90	90	84	88	93	94	88	95	88	83	90.0
	MIN	77	78	76	77	77	74	76	76	78	76	73	75	76	72	74	70	68	72	72	78	78	76	76	73	74	75	75	75	76	74	66	74.6
CARBONDALE SEWAGE PL	MAX	96	95	94	94	90	91	89	89	94	90	89	93	86	91	87	88	86	89	88	85	91	91	90	86	87	89	91	92	94	90	82	89.9
	MIN	70	72	71	71	70	72	70	72	75	72	72	64	64	64	69	69	68	68	67	72	77	74	71	70	72	73	72	67	74	70	64	70.2
CARLINVILLE 4 E	MAX	98	97	94	95	92	92	91	90	90	88	89	89	87	90	84	81	86	84	91	87	93	88	94	87	89	90	91	92	92	88	79	89.6
	MIN	72	74	72	69	72	72	69	70	73	71	61	61	67	66	64	64	63	67	70	68	71	73	67	69	70	72	71	70	73	70	58	68.7
CARLYLE	MAX	95	94	95	96	93	91	90	91	87	87	86	88	78	83	85	83	87	88	89	83	93	89	93	90	89	91	93	95	95	84	80	89.1
	MIN	71	73	74	71	72	71	70	73	72	71	65	63	66	68	68	66	64	68	67	69	71	73	72	71	73	73	70	69	73	70	58	69.5
CHARLESTON	MAX	98	100	95	97	93	92	82	92	91			89	90	91	83	86	89	88	89	85	91	87	91	89	88	87	92	93	96	87	80	90.0
	MIN	71	74	73	71	74	75	71	73	74			62	67	68	66	67	63	68	73	73	72	74	68	70	72	73	73	74	73	71	56	70.3
CHICAGO UNIVERSITY	MAX	91	82	98	95	92	85	80	83	84	75	79	76	82	73	74	81	83	89	79	80	85	80	82	91	88	88	91	91	85	73	72	83.5
	MIN	77	75	73	76	72	72	75	72	75	67	67	66	64	65	65	65	67	73	70	68	69	69	65	73	75	76	74	77	72	67	62	70.4
CHICAGO WB AIRPORT	MAX	99	94	102	98	97	88	85	90	85	78	85	82	86	77	80	86	88	91	86	85	86	84	89	92	92	88	93	94	85	74	76	87.6
	MIN	74	75	73	71	70	70	75	72	74	64	58	66	61	65	64	62	64	68	70	65	69	68	62	70	72	73	72	77	71	60	57	68.1
CHICAGO WB CITY	MAX	94	84	99	98	93	80	78	82	86	75	79	76	83	72	75	83	82	89	83	79	85	84	80	92	89	90	92	94	84	72	71	84.0
	MIN	79	76	78	79	73	74	72	72	76	68	68	72	69	66	68	71	73	75	74	73	72	74	70	75	76	75	74	79	71	67	63	72.6
CICERO	MAX	99	93	100	97	95	89	83	87	87	85	84	80	87	82	81	88	87	90	86	83	85	85	85	92	90	90	92	94	85	77	78	87.6
	MIN	74	76	73	71	75	70	75	73	75	68	58	69	61	67	63	61	64	67	71	66	69	69	62	70	72	73	72	77	69	66	55	68.7
DANVILLE	MAX	97	99	96	98	98	95	87	94	92	84	84	87	86	91	84	85	86	91	92	83	88	86	84	91	88	90	92	92	91	80	75	89.2
	MIN	68	72	71	69	72	72	73	72	72	72	57	62	60	61	64	61	56	67	70	70	69	70	67	69	71	70	70	72	71	67	57	67.5
DECATUR	MAX	98	98	96	96	95	88	91	90	89	88	87	84	91			84	89	89	87	97	84	92	88	90	91	89	92	93	92	95	85	81	90.3
	MIN	72	75	75	74	74	72	73	74	74	72	59	64	62	63	66	63	61	67	72	71	71	71	69	71	71	72	72	72	75	69	56	69.4
DIXON	MAX	97	95	99	97	95	90	82	86	91	82	84	82	87	85	83	89	90	89	88	86	87	84	89	90	90	91	90	94	90	81	80	88.5
	MIN	72	71	71	70	73	71	73	70	74	59	55	67	59	65	57	57	61	65	68	63	72	61	57	72	71	75	73	76	69	62	53	66.5
DU QUOIN	MAX	97	97	96	93	92	91	89	88	91	87	89	91	83	89	89	87	85	89	88	84	91	92	92	87	88	92	92	94	96	88	80	89.9
	MIN	72	73	73	74	72	72	71	73	75	73	70	64	69	69	67	69	68	69	67	70	75	73	73	71	73	73	73	70	74	71	62	70.9
EAST ST LOUIS	MAX	101						91	89	91	89	90	89	83	92	84	85	83	84	90	87	94	90	92	86	87	92	93	94	95	89	88	89.5
	MIN	76	78	76	74	75	74	72	73	74	74	68	67	67	70	69	65	67	69	71	67	74	76	73	73	72	73	72	77	73	72	74	72.1
EFFINGHAM CAA	MAX	94	94	91	94	91	91	87	90	87	87	84	85	85	87	85	80	85	86	88	81	89	91	90	88	86	90	90	91	93	82	78	87.7
	MIN	71	73	75	72	72	72	71	73	72	67	61	64	67	69	66	65	64	66	70	71	73	72	67	69	72	71	70	69	71	62	56	68.8
ELIZABETHTOWN	MAX	96	94	94	92	92	90	90	92	94	90	86	91	88	90	88	85	87	88	88	85	92	92	92	91	87	90	92	92	93	92	82	90.2
	MIN	73	72	71	72	72	73	73	71	74	74	71	67	71	71	69	69	66	69	68	75	75	74	72	70	72	71	71	70	72	71	62	71.0
FLORA	MAX	95	95	93	94	93	92	87	92	88	88	87	88	85	90	87	80	85	90	90	86	92	90	92	90	90	91	93	94	95	87	80	89.6
	MIN	72	73	72	72	72	73	73	71	74	74	71	67	71	71	69	69	66	69	68	75	75	74	72	70	72	71	71	70	72	71	62	71.0
FREEPORT	MAX	97	94	95	94	90	91	79	85	91	83	84	85	87	78	85	87	88	85	87	82	85	82	87	89	88	89	88	90	86	81	81	86.9
	MIN	70	69	70	72	70	70	72	68	73	56	53	64	59	63	53	58	58	65	59	58	66	58	55	71	70	70	69	75	73	58	50	64.4
FULTON DAM 13	MAX	96	95	95	95	90	93	80	81	88	82	79	83	87	80	83	88	87	85	87	83	87	81	86	88	89	88	86	90	85	77	79	86.2
	MIN	71	71	75	74	72	72	73	71	74	67	61	68	64	66	61	63	64	67	70	66	67	68	62	73	72	74	74	78	69	66	59	68.8
GALESBURG	MAX	96	96	97	95	92	93	88	90	88	82	82	79	86	82	84	88	89	86	90	80	90	85	87	90	91	91	87	92	86	81	81	87.9
	MIN	71	72	78	77	75	74	73	74	73	67	60	66	62	66	61	62	65	68	69	69	72	66	65	71	71	74	72	73	72	66	61	69.2
GALVA	MAX	97	97	98	96	93	92	88	90	90	84	84	89	87	82	86	87	90	90	89	86	93	89	86	91	91	93	93	94	89	81	81	89.5
	MIN	73	70	75	70	74	71	72	73	72	62	63	67	60	65	58	60	62	67	68	65	72	66	62	71	69	72	73	72	69	65	56	67.5
GOLCONDA DAM 51	MAX	94	92	94	90	88	90	88	90	95	86	82	88	82	88	86	86	85	86	86	84	89	89	89	89	88	85	82	90	92	88	78	87.7
	MIN	72	72	72	73	76	71	72	71	76	73	68	70	72	70	69	68	58	70	68	73	74	72	72	72	72	71	72	71	72	71	64	71.2
GREENVILLE	MAX	94	94	92	92	90	90	87	87	86	88	85	86	79	85	83	83	83	86	88	83	90	87	90	88	85	88	89	90	92	87	77	87.2
	MIN	74	75	75	73	73	74	70	73	74	72	63	66	66	69	68	67	65	67	67	69	70	75	69	71	72	72	69	69	73	70	59	70.0
GRIGGSVILLE	MAX	98	98	95	95	90	92	90	91	91	85	89	80	87	90	82	85	86	87	91	89	95	91	93	90	91	92	91	93	90	83	80	89.7
	MIN	74	68	71	71	70	69	70	70	71	67	58	64	59	65	63	59	60	65	70	66	61	68	61	67	69	68	69	69	72	65	59	66.4
HARRISBURG	MAX	98	102	96	96	96	98	95	98	91	89	94	86	93	92	88	87	93	91	86	96	96	96	92	90	94	96	98	99	88	81	93.3
	MIN	66			68	74		74	76	72	71	64	70	69	67	68	66	66	66	66	71	76	74	71	71	71	71	72	67	72	70	61	69.8
HAVANA	MAX	100	99	98	99	94	97	86	91	90	87	87	81	89	92	83	89	89	90	91	87	93	87	88	90	88	91	90	93	89	82	79	90.0
	MIN	75	72	75	75	74	73	75	73	75	70	58	69	63	64	65	59	62	68	73	71	72	65	67	71	72	73	73	73	75	68	60	69.6
HENRY	MAX	98	99	97	95	93	92	89	85	90	86	86	79	89	86	86	89	89	88	93	85	90	85	84	90	91	89	90	92	93	85	93	89.5
	MIN	76	74	74	70	75	71	73	74	75	64	57	56	60	67	60	58	61	69	68	67	71	69	61	71	73	75	75	76	72	66	56	68.5
HILLSBORO	MAX	95	96	93	93	92	89	90	89	87	87	87	86	87	89	84	83	85	83	88	85	91	88	91	87	87	89	90	92	93	85	79	88.4
	MIN	73	73	78	72	73	73	70	72	75	71	62	62	65	69	66	71	64	66	69	69	69	75	70	71	72	72	70	71	73	70	58	69.8

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOOPESTON	MAX	96	97	95	97	96	93	88	90	87	83	83	83	85	88	84	85	87	89	90	85	88	84	83	90	87	86	89	90	89	80	76	87.8
	MIN	69	73	72	70	73	74	71	73	74	70	59	63	59	62	62	61	58	65	69	69	68	68	64	69	70	71	69	71	70	68	53	67.3
JACKSONVILLE	MAX	99	100	95	94	91	93	88	90	89	88	86	82	89	90	82	84	87	88	92	85	94	87	80	87	92	91	90	92	90	93	92	89.6
	MIN	74	72	73	73	72	80	73	72	74	70	61	64	63	62	65	61	63	67	70	67	72	69	68	71	72	77	72	71	74	70	61	69.5
JOLIET WB AIRPORT	MAX	99	95	99	97	97	91	87	91	87	79	85	79	89	78	82	89	91	91	93	84	88	86	85	91	88	85	91	92	89	77	78	88.2
	MIN	72	74	70	67	69	70	72	72	72	57	54	60	57	61	59	56	58	66	65	62	69	63	60	71	70	71	71	74	69	56	52	65.1
KANKAKEE	MAX	98	95	95	95	92	91	89	85	82	85	81	81	87	84	82	87	88	89	90	87	88	86	85	89	86	83	84	89	87	79	77	87.0
	MIN	74	72	68	76	70	72	71	74	67	56	64	64	58	67	61	59	61	67	71	65	69	66	61	70	71	71	71	74	70	66	58	67.2
KANKAKEE 4 W	MAX	95	95	96	95	94	91	89	90	86	81	84	80	87	84	82	87	89	89	90	84	87	80	78	90	86	83	89	90	88	82	75	87.0
	MIN	72	72	70	67	74	69	71	71	74	64	54	63	56	65	60	57	59	65	70	65	68	69	61	69	70	71	71	72	69	65	54	66.4
KEWANEE	MAX	97	95	97	95	92	89	86	89	87	82	84	79	87	80	82	87	88	87	88	82	90	83	88	90	89	91	89	92	89	80	78	87.5
	MIN	66	67	71	78	71	68	69	70	70	59	54	68	56	63	55	63	61	63	64	60	69	63	56	68	75	68	70	70	66	71	51	65.3
LA HARPE	MAX	97	96	96	95	90	92	90	91	90	89	85	83	88	90	85	91	88	88	90	85	92	86	91	90	90	91	89	92	85	80	82	89.3
	MIN	78	72	74	71	74	71	73	73	73	65	58	67	59	64	63	57	61	70	68	68	68	68	68	66	70	70	72	73	72	70	64	68.0
LA SALLE	MAX	100	102	103	99	97	95	94	90	90	85	86	83	91	83	86	93	93	91	91	85	92	85	88	93	92	93	93	95	92	82	81	91.1
	MIN	76	74	74	71	77	72	74	74	75	65	56	68	60	66	60	59	62	68	68	65	70	69	60	73	72	73	73	76	69	67	54	68.4
LINCOLN	MAX	100	100	97	97	94	93	87	91	91	87	87	81	88	89	85	90	89	89	93	87	93	92	88	91	90	93	92	94	92	83	81	90.5
	MIN	75	73	75	73	74	72	73	72	74	67	58	66	61	62	64	60	62	66	72	69	71	59	66	70	71	72	72	73	74	68	57	68.7
MARENGO	MAX	96	95	98	96	91	92	78	89	89	83	86	84	90	80	85	90	91	90	87	83	88	82	88	93	91	89	91	92	84	79	80	88.1
	MIN	69	68	67	69	69	68	70	68	71	58	51	63	58	63	52	56	57	61	63	58	63	60	54	69	70	69	68	75	69	61	60	63.8
MATTOON	MAX	96	97	93	93	93	94	90	91	88	86	85	87	87	88	84	83	85	87	88	78	90	86	88	88	86	87	91	92	91	81	76	88.0
	MIN	70	73	74	71	72	72	71	73	71	65	59	64	68	68	66	65	63	68	72	70	72	72	69	69	72	72	72	71	73	62	57	68.9
MC LEANSBORO	MAX	97	96	95	93	93	89	90	93	93	92	89	91	86	90	88	85	85	89	92	88	90	92	92	90	88	93	92	95	97	88	82	90.7
	MIN	76	75	74	75	73	75	72	72	75	73	68	66	70	71	69	68	66	68	69	71	75	73	73	72	72	73	72	73	71	72	61	71.4
MINONK	MAX	95	96	96	93	91	89	86	87	87	83	85	80	88	83	80	88	90	86	90	82	88	86	83	89	87	87	89	90	88	80	89	87.5
	MIN	70	72	73	69	73	69	71	72	73	63	55	65	58	64	59	59	58	65	68	66	70	70	61	69	69	71	70	72	68	64	60	66.6
MOLINE WB AIRPORT	MAX	97	96	98	95	93	93	83	89	90	82	81	81	87	80	83	87	88	87	86	83	90	84	86	92	90	93	84	86	92	90	88	87.8
	MIN	73	73	75	74	76	73	73	72	71	63	58	65	61	66	61	59	62	69	67	64	73	64	60	73	73	74	75	78	70	74	59	68.3
MONMOUTH	MAX	96	96	94	95	92	92	88	88	89	83	83	80	86	85	84	86	87	87	89	83	91	85	87	90	88	91	88	92	88	80	79	87.8
	MIN	71	71	73	72	72	70	72	73	72	70	57	62	69	66	60	62	61	61	68	72	72	70	64	69	64	71	72	70	67	64	57	67.5
MORRIS 3 NE	MAX	96	95	97	95	94	96	87	88	88	88	83	82	86	85	86	86	88	89	90	88	88	85	83	90	89	86	90	91	91	77	77	88.2
	MIN	73	72	70	70	73	70	73	72	74	64	54	69	58	65	58	57	59	67	67	67	70	69	60	70	71	71	71	74	68	66	53	66.9
MORRISON	MAX	99	96	98	97	94	93	82	86	90	85	85	85	90	80	86	91	91	89	90	88	90	86	88	92	91	94	91	95	86	81	80	89.3
	MIN	71	68	71	69	73	70	70	68	71	59	55	65	58	64	55	57	60	60	61	62	62	58	57	70	68	65	72	74	65	59	53	64.2
MORRISONVILLE 1 E	MAX	98	98	92	94	93	89	89	90	90	87	84	85	86	89	83	85	86	87	90	81	93	87	89	89	89	90	91	92	93	85	79	88.8
	MIN	68	67	69	67	68	69	66	68	70	62	56	58	62	63	62	63	59	62	66	65	66	68	65	64	67	68	67	66	69	64	52	64.7
MT CARMEL	MAX	98	97	95	97	97	96	94	92	93	92	90	92	88	92	90	88	88	88	92	90	93	90	95	92	90	95	93	96	96	91	85	92.4
	MIN	73	75	73	74	75	78	72	72	75	72	67	65	70	70	68	68	68	68	70	72	72	74	72	72	72	73	72	71	73	73	59	71.2
MOUNT CARROLL	MAX	96	95	95	94	91	90	80	87	88	85	82	85	87	83	84	90	88	86	85	85	88	84	88	90	90	89	88	91	86	81	80	87.5
	MIN	71	68	72	74	73	71	72	69	74	59	55	64	60	65	53	58	59	68	62	62	70	59	55	72	70	73	70	77	71	59	53	65.7
MOUNT VERNON	MAX	98	98	98	98	97	93	93	95	90	88	92	92	80	92	84	84	89	91	92	80	94	86	94	90	91	95	95	97	97	87	83	91.4
	MIN	68	70	69	70	67	68	67	68	72	68	63	61	65	65	66	63	60	62	62	66	67	68	68	66	68	69	67	64	67	68	55	66.0
NEW BURNSIDE	MAX	93	92	93	93	92	92	86	89	94	88	83	88	81	87	88	84	82	88	83	85	90	90	90	86	85	90	91	94	94	87	79	88.3
	MIN	68	70	69	72	70	72	71	71	74	71	67	64	70	67	65	67	66	67	67	74	74	72	71	69	72	70	71	67	72	69	61	69.4
OLNEY	MAX	95	95	92	95	95	94	92	93	90	88	86	89	82	90	85	84	86	91	90	87	90	90	93	90	89	92	92	95	98	87	81	90.2
	MIN	74	75	74	74	74	75	72	72	74	72	64	64	67	70	69	67	66	68	69	72	78	74	72	71	72	74	73	70	73	73	56	70.9
OTTAWA	MAX	100	98	99	97	93	89	88	88	86	85	84	76	87	82	85	89	89	89	90	94	88	85	85	92	88	84	90	96	93	82	82	88.8
	MIN	74	73	72	70	75	70	75	73	75	64	56	67	60	67	59	59	62	61	63	62	60	59	62	62	64	64	62	65	64	60	60	65.1
PALESTINE	MAX	95	96	94	96	96	95	93	96	89	89	85	90	88	92	87	75	88	92	90	86	91	80	81	90	91	92	94	96	84	78	90.1
	MIN	72	73	72	72	75	74	71	72	74	72	61	61	69	71	69	67	65	68	68	73	73	75	69	69	70	72	72	70	72	64	56	69.7
PANA	MAX	102	103	99	101	98	99	95	96	95	90	88	90	90	92	88	89	92	93	95	85	97	92	97	95	92	95	97	97	98	87	81	93.8
	MIN	73	72	72	70	72	72	70	71	73	69	59	63	64	68	65	66	63	64	68	69	69	73	67	68	70	70	70	68	72	68	55	68.2
PARIS WATER WORKS	MAX	99	99	96	96	94	94	92	93	90	90	88	89	90	92	89	85	89	90	88	85	88	88	90	91	88	86	91	92	93	88	76	90.3
	MIN	71	74	73	72	75	75	71	72	75	72	59	62	66	65	67	55	63	68	65	74	72	60	70	69	76	71	72	72	73	69	56	68.8
PEORIA WB AIRPORT	MAX	98	98	97	96	92	92	89	89	88	84	86	80	86	86	83	88	88	88	91	82	91	83	87	89	88	90	90	91	87	80	79	88.3
	MIN	75	72	76	73	74	72	73	72	74	64	59	67	61	65	63	62	63	67	71	70	69	66	66	72	72	73	72	72	71	64	58	68.6
PONTIAC	MAX	94	94	95	92	91	89	86	86	85	82	82	80	85	85	82	87	86	87	89	88	88	81	81	87	85	81	89	89	86	78	76	86.0
	MIN	73	73	73	76	75	70	72	73	73	66	56	65	59	66	61	60	61	67	70	68	69	70	62	70	70	72	71	74	69	65	56	67.9
QUINCY	MAX	100	100	97	96	91	99	89	92	90	88	85	79	88	90	86	87	88	91	90	85	96	89	93	93	94	93	92	96	87	81	83	90.6
	MIN	75	72	75	75	75	73	75	74	74	68	63	61	63	66	66	60	65	69	69	68	74	69	66	72	73	74	74	75	76	65	62	69.9
QUINCY CAA	MAX	96	98	98	97	90	92	93	91	89	86	86	72	87	87	84	87	86	86	90	77	92	82	90	89	88	89	88	90	84	80	81	87.9
	MIN	74	72	75	75	72	70	70	72	71	66	61	61	60	63	63	56	60	66	69	67	70	68	64	68	70	72	72	72	69	62	59	67.4
RANTOUL CHANUTE AF	MAX	97	97	95	96	96	93	89	93	86	85	85	84	87	89	85	88	88	90	90	86	91	84	89	91	85	82	91	91	90	81	75	88.7
	MIN	75	76	75	72	76	73	73	74	73	61	60	64	63	66	65	63	64	66	73	71	71	71	68	70	71	73	71	72	69	61	60	69.0
ROBERTS 3 N	MAX	96	96	95	95	95	91	89	90	86	80	82	83	85	86	82	85	87	87	90	86	85	84	81	89	86	84	89	89	87	84	75	87.1
	MIN	71	72	71	70	74	76	71	73	74	66	63	55	57	65	61	57	60	70	69	68	67	64	64	69	70	71	70	71	69	65	54	67.0
ROCKFORD	MAX	97	93	97	96	92	89	81	87	89	86	82	83	88	83	85	90	88	87	86	82	91	86	87	81	89	92	91	93	88	79	81	87.9
	MIN	67	70	72	71	72	70	70	70	73	60	53	62	62	64	55	60	62	65	67	62	67	60	57	71	71	73	70	77	74	61	52	65.8
ROCKFORD CAA	MAX	96	92	96	96	90	88	80	83	88	82	82	83	88	77	84	88	86	87	86	80	87	81	85	90	90	93	90	93	84	78	80	86.5
	MIN	70	70	70	70	71	70	69	69	65	58	53	64	60	59	56	59	61	64	62	61	68	59	56	69	70	70	72	77	65	56	51	64.3
RUSHVILLE	MAX	98	96	97	96	92	93	88	90	90	86	87	80	87	89	85	87		88	92	88	92	87	89	92	88	89	88	91	89		82	89.5
	MIN	72	68	73	72	73	72	71	73	73	68	59	67	63	64	64	60		62	72	69	72	66	66	72	71	72	72	71	77		58	68.7
SPARTA	MAX	96	95	94	93	90	90	90	85	86	84	89	89	80	88	86	86	84	89	87	85	92	90	90	86	87	92	92	93	95	90	80	88.8
	MIN	73	73	73	73	71	70	70	72	74	72	68	65	67	67	69	65	66	67	67	69	73	72	70	70	71	72	70	68	72	69	60	69.6
SPRINGFIELD WB AIRPORT	MAX	98	96	96	95	91	90	89	90	86	85	84	83	86	88	82	86	85	84	89	79	90	83	88	88	88	89	90	89	80	78	87.5
	MIN	76	74	76	76	73	73	72	72	72	66	60	66	64	63	65	62	63	70	72	69	70	70	68	72	73	72	73	73	72	64	60	69.4
SPRINGFIELD WB CITY	MAX	100	96	96	95	93	92	88	93	88	87	85	85	87	89	84	88	88	87	92	81	93	87	90	90	91	92	92	94	92	83	78	89.5
	MIN	78	76	77	77	75	74	74	74	75	68	61	68	66	69	66	65	66	70	74	71	73	72	71	72	73	74	74	74	74	71	62	71.4
STOCKTON	MAX	96	90	94	93	90	87	81	82	87	81	79	83	86	82	83	87	86	84	83	81	84	82	85	88	88	89	87	89	88	77	79	85.5
	MIN	71	66	70	74	72	69	69	67	71	55	53	61	62	62	53	61	59	65	60	58	65	60	54	69	70	72	67	74	73	56	52	64.2
SYCAMORE	MAX	99	94	97	97	97	89		84	87	88	84	81	88	78	83	87	88	90	87	83	86	82	87	91	90	86	90	98	85	78	79	87.8
	MIN	68	71	69	79	69	67		70	72	59	53	66	59	64	54	56	59	63	62	60	66	60	55	69	69	71	70	75	67	62	51	64.5
TABLE GROVE	MAX	97	97	98	95	91	92	84	91	88	86	86	76	88	90	83	89	87	89	90	80	93	82	89	90	92	90	89	92	87	81	81	88.5
	MIN	74	71	75	73	74	72	72	73	73	67	58	68	63	65	62	69	65	68	72	68	72	67	66	70	71	72	73	73	75	68	59	69.3
TUSCOLA	MAX	99	98	94	95	93	92	90	89	90	86	85	87	89	93	88	84	87	88	86	89	90	90	86	88	86	86	89	91	94	88	77	89.3
	MIN	72	75	75	73	75	75	71	74	75	72	60	62	65	64	67	62	61	67	64	71	72	72	70	70	72	71	72	71	73	72	55	69.4
URBANA	MAX	97	97	91	94	93	91	89	90	87	84	84	85	87	89	84	87	88	87	89	86	89	86	84	90	87	84	90	92	91	84	76	88.1
	MIN	72	73	73	72	75	73	72	73	75	71	60	65	62	63	66	63	61	67	70	74	72	72	69	70	71	73	71	72	74	71	57	69.4
VIRDEN	MAX	97	96	94	95	91	88	85	89	89	86	88	84	87	89	83	83	86	85	91	87	92	89	87	89	89	91	90	92	91	83	81	88.6
	MIN	73	72	72	71	71	70	69	70	72	67	59	63	62	64	64	62	62	66	68	67	68	70	66	69	70	70	70	69	71	67	57	67.5
WALNUT	MAX	99	99	100	98	95	93	95	87	89	85	86	83	90	86	85	90	90	89	91	89	90	86	87	91	92	92	91	94	91	80	81	90.1
	MIN	74	70	75	72	77	74	73	71	74	60	57	68	61	66	56	60	63	68	66	67	71	65	63	73	71	73	74	75	70	64	55	67.9
WATSEKA	MAX	98	97	96	97	96	95	90	91	88	82	85	83	87	87	84	88	88	89	92	87	85	82	80	91	86	86	90	91	86	78	75	88.1
	MIN	68	72	70	70	72	70	71	72	73	68	57	60	58	64	60	58	59	66	67	66	68	69	62	68	70	71	70	71	70	66	54	66.5
WAUKEGAN	MAX	92	86	96	97	89	85	77	84	87	76	81	80	85	75	79	87	85	90	84	80	82	85	81	92	89	92	91	92	86	70	75	84.8
	MIN	71	71	67	71	70	70	70	72	73	60	52	63	62	65	54	61	60	63	64	60	67	64	55	67	69	71	68	76	67	60	51	65.0
WHITE HALL 1 E	MAX	98	98	98	94	93	92	87	98	88	86	88	85	89	90	82	82	85	84	90	90	92	90	90	88	88	89	89	90	90	90	81	89.5
	MIN	79	73	73	72	72	70	71	72	74	71	62	64	63	64	66	64	64	68	70	68	72	72	68	70	72	71	70	71	72	68	61	69.3
WINDSOR	MAX	96	97	93	96	94	93	90	92	90	87	86	88	87	90	85	83	85	89	90	85	90	90	90	91	89	89	91	93	94	87	78	89.6
	MIN	71	73	73	71	73	74	70	72	73	71	59		62	68	65	66	61	66	70	68	70	73	67	69	71	71	71	69	72		54	68.7

See reference notes following Station Index

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	[illegible]		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARRY	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	MATTHEW W DART	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA	0873	BUREAU	1	41 13	89 37	795		MID	CAA	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 43	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	[illegible]		[illegible]	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 4W	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		[illegible]	W D UPP	3
CHANNAHON DRESDEN ISL	1420	GRUNDY	1	41 25	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	3
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PL	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36			7A	BEN BURT	3
DANVILLE WATER WORKS	2150	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	3 4
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	FRANK E GORHAM	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	[illegible]	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	CAA	2 3 4 5
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 26	88 18	357		[illegible]	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 32	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	A C MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	[illegible]	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	[illegible]	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 40	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	1	40 06	91 01	725		[illegible]	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 02	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 51	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5
HARRISBURG HIWAY 13 BR	3884	SALINE	5	37 44	88 30			6A	J S NELSON	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L L EUTENEUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	IRVING R STROH	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	[illegible]	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 41	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	554		[illegible]	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	5P	5P	JOSEPH A ARNOLD	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	[illegible]	MID	MID	US WEATHER BUREAU	2 3 4 5
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56		6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	MR BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	[illegible]	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	[illegible]		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE 5S	4959	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
LE ROY	5026	MC LEAN	1	40 21	88 46	780		7P	O J LERE	[illegible]
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05			MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	[illegible]	40 32	89 21	646		[illegible]	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC LANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	CHARLES H GRADY	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	7	39 23	87 43	606		6P	E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	[illegible]	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	HARRY L AGNEW	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	4	40 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	PIATT	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 29	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	658	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	[illegible]	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 33	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	6	42 01	89 20	702		6P	LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 21	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	MRS WALDO W GODEIR	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 39	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA	7072	ADAMS	4	39 56	91 13		MID	MID	CAA	2 3 4 5
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 25			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 20	88 10	744	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE MISSION HSE	7603	JASPER	7	38 56	88 01			7A	J DE PALMA	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8147	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 19	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 2 E	8604	BUREAU	1	41 18	89 30	512		6P	BERT L HAND	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 64	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 33	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 45	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	88 35			7A	ROBERT W SANDERS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	88 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753	6P	6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5

‡ - DRAINAGE CODE: 1 Illinois; 2 Kaskaskia; 3 Lake Michigan; 4 Mississippi; 5 Ohio, 6 Rock; 7 Wabash

See Table 6 following Table 1.

GPO 7K F50 8 31-49 1 200

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record.
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record
R	Station equipped with recording gage only.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
Z	Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

AUGUST 1949
Volume LIV No. 8



CHICAGO: 1949

ILLINOIS - AUGUST 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

August temperatures ranged from a little above normal in the Northern Division to slightly under average for the month in most of the extreme south. Precipitation totaled somewhat under normal over most of the State. Sunshine was abundant during August.

The first few days of the month were cool, followed by a warm spell which began generally on the 6th and continued through the 18th. Most stations registered their highest temperatures of the month between the 7th and 11th, when afternoon temperatures reached the 90's over most of the State.

Showers occurred generally on the 1st and 2d and in the extreme south also on the 3d and 4th. Dry weather then prevailed until the 10th. Showers fell over nearly all of Illinois on the 11th and 12th, and were especially heavy in the western half of the Northern Division on the 11th. Several stations recorded over 3 inches of rain on the 11th and Rock Island received 7.50 inches in 2 days.

Many streets and basements were flooded in Waukegan on the evening of the 10th; damage estimated at $3,000. On the 11th heavy rains flooded many homes, stores, and factories in the Rock Island--Moline area, causing property loss approaching $1,000,000; a child was drowned in a flooded drainage ditch. A wind and rainstorm damaged many trees and telephone lines in Logan County on the 11th; property damage estimated at $2,000. Also on the 11th, wind and hail hit the Collinsville area, uprooting some trees and damaging others.

Showers fell frequently from the 17th through the 19th, followed by cooler and dry weather. Temperatures rose above normal again from the 24th through the 27th. The last few days of the month were showery with seasonable temperatures, until turning cool on the 31st.

The Lincoln area was hit by wind and heavy rain on the 27th;several trees were blown down, utility lines were damaged, and many basements flooded; property damage estimated at $3,000. In the Red Bud area hail damaged several automobiles and stripped some corn on the 30th; property and crop damage estimated at $5,000. High winds damaged trees and flattened some corn on the 31st in Mc Henry and Lake Counties.

The corn and soybean crops were in good to excellent condition at the end of August. Corn was advanced 1 to 2 weeks ahead of normal and maturing rapidly. Soybean podding and filling were excellent generally. Fall plowing was well along where moisture was adequate but was restricted in the drier areas.

G.R.J.

TEMPERATURE

The mean temperature for the State was 74.6°, which is normal for the month. The monthly mean temperatures ranged from 79.1° at Cairo to 71.3° at Freeport and Kewanee. The highest temperature recorded in the State was 99° at Pana on the 11th, the lowest was 45° at Kewanee and Stockton on the 21st, at Newton on the 22d, and at Freeport, Morrison, and Rockford CAA on the 31st.

PRECIPITATION

The average precipitation for the State was 2.90 inches, which is 0.46 inch below normal for August. The total amounts recorded at various stations ranged from 9.52 inches at Rock Island to 0.50 inch at Des Plaines. The heaviest rainfall reported in any one day was 5.23 inches at Marseilles on the 12th.

ACKNOWLEDGMENT

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S.T.	1:30 p. E.S.T.	7:30 p. E.S.T.	Percent of possible	
CAIRO	30.24	6	29.75	19	5.4	29	SW	11	-	-	-	-	83	0
CHICAGO AIRPORT	30.25	5	29.72	31	7.0	54	NW	31	79	83	49	60	69	2
JOLIET AIRPORT	30.23	5	29.75	31	6.8	-	-	-	92	91	53	67	-	5
MOLINE AIRPORT	30.26	21	29.77	31	6.0	49	SW	27	83	89	56	61	77	3
PEORIA AIRPORT	30.24	5	29.78	31	7.9	40	W	31	82	89	54	59	78	0
SPRINGFIELD AIRPORT	30.23	5	29.80	18	6.6	42	W	31	88	93	58	65	83	2

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No of days .01 or more
1890	70.6	104	40	2.81	...	7	1913	78.3	106	45	2.38	...	6	1936	81.0	111	47	[illegible].66	...	8
1891	71.7	103	42	4.71	...	10	1914	76.1	104	42	3.39	...	8	1937	78.1	103	50	2.36	...	6
1892	73.4	100	44	2.36	...	6	1915	67.9	94	31	6.10	...	11	1938	77.7	106	49	3.33	...	7
1893	72.4	100	37	0.91	...	3	1916	77.1	104	40	4.16	...	8	1939	73.5	99	48	[illegible].78	...	[illegible]
1894	74.[illegible]	107	38	1.75	...	5	1917	72.0	101	39	2.66	...	7	1940	75.2	103	43	4.04	...	11
1895	75.0	102	42	2.82	...	6	1918	79.0	112	45	3.82	...	9	1941	76.5	107	46	2.76	...	7
1896	74.7	108	37	2.85	...	6	1919	73.7	105	44	2.88	...	8	1942	73.4	101	39	3.53	...	7
1897	72.[illegible]	108	36	1.13	...	5	1920	72.7	99	40	2.87	...	8	1943	77.0	109	44	2.97	...	6
1898	74.2	100	45	4.29	...	8	1921	74.3	102	44	5.14	...	10	1944	75.5	103	44	3.80	...	[illegible]
1899	76.5	102	44	2.61	...	7	1922	75.2	104	42	1.71	...	6	1945	74.2	103	41	3.47	...	7
1900	79.7	111	54	4.04	...	8	1923	74.2	103	38	4.86	...	11	1946	70.7	99	37	5.97	...	[illegible]
1901	74.9	108	41	1.91	...	5	1924	74.3	103	41	5.19	...	9	1947	81.9	109	44	2.21	...	5
1902	71.[illegible]	102	41	4.47	...	9	1925	74.7	104	45	[illegible].62	...	7	1948	74.6	106	42	1.74	...	5
1903	72.8	102	40	4.41	...	9	1926	75.9	105	48	4.77	...	12	1949	74.6	99	45	2.90	...	8
1904	70.[illegible]	98	37	4.06	...	[illegible]	1927	69.[illegible]	99	39	3.20	...	[illegible]							
1905	75.1	99	47	3.44	...	8	1928	75.5	99	44	3.47	...	8	PERIOD	74.[illegible]	113	31	3.36	...	
1906	76.[illegible]	101	39	4.03	...	9	1929	72.4	100	42	2.42	...	6							
1907	73.1	102	41	5.47	...	9	1930	76.4	113	45	1.97	...	6							
1908	74.[illegible]	104	38	2.32	...	5	1931	74.5	104	44	[illegible].90	...	[illegible]							
1909	77.4	105	42	2.10	...	5	1932	74.[illegible]	101	46	5.53	...	11							
1910	73.2	99	37	2.64	...	6	1933	73.7	102	44	2.67	...	7							
1911	73.4	104	40	4.08	...	[illegible]	1934	75.5	113	33	3.82	...	10							
1912	72.9	100	39	3.96	...	10	1935	75.8	104	37	[illegible].45	...	7							

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 1

Station	Temperature						No of days		Precipitation							No of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	74.0	0.7	93	8	52	22	5		2.84	- .66	1.33	19				8	3	1
ANTIOCH	72.4	1.6	92	8+	51	31	4		1.61	-1.54	.62	17	T			7	2	
AURORA COLLEGE	72.4	1.1	94	7	47	29	7		.98	-2.57	.66	11	T			4	1	
CHICAGO UNIVERSITY	74.6	3.0	93	7+	54	31	6		2.23	- .98	.78	30				9	3	
CHICAGO WB AIRPORT	74.7	3.1	95	8	50	31	7		1.31	-1.71	.58	30	T			8	1	
CHICAGO WB CITY	75.8	3.0	94	8	53	31	6		.98	-2.04	.27	31				7	1	
CICERO	75.2	2.5	96	8	54	21+	8		1.09	-2.16	.52	31				6	1	
DIXON	73.2	0.9	94	7	47	31	6		2.52	-1.01	1.12	11				9	3	1
FREEPORT	71.3	0.6	95	7	45	31	4		4.05	.18	1.17	11				8	4	2
FULTON DAM 13	73.9	2.2	92	8	53	21	4		4.37	.65	2.62	11				7	5	1
GALESBURG	75.0		94	7+	52	21+	7		1.43	-1.94	.71	12				6	2	
GALVA	74.0	0.8	97	8	51	21+	7		5.26	1.77	1.65	11				8	5	2
HENRY	75.4	1.6	97	7+	51	21	9		4.10	.58	1.10	14	T			10	5	1
JOLIET WB AIRPORT	72.9	1.6	94	8	48	21	7		3.27	- .13	1.25	11				6	3	1
KANKAKEE	73.1	0.4	90	8+	50	20	2		2.80	- .68	1.05	11				8	2	1
KANKAKEE 4 W	72.0		91	8+	48	20	3		3.00	- .48	1.07	11				7	5	1
KEWANEE	71.3	-1.4	95	8	45	21	6		5.41	1.87	1.84	11				8	5	3
LA SALLE	75.4	1.6	96	7+	49	21	11		4.58	.78	2.10	11				9	5	1
MARENGO	72.8	1.8	94	7+	46	21	8		2.32	-1.24	1.11	27				7	3	1
MINONK	72.9	-0.5	93	8	50	21	6		1.01	-2.53	.27	17				5	2	
MOLINE WB AIRPORT	73.5	1.8	93	8	50	21	6		7.12	3.63	4.39	11				9	6	1
MONMOUTH	73.2	-0.6	95	8	49	31	6		2.41	- .84	.70	16				8	5	
MORRIS 3 NE	73.0	0.3	93	8	47	21	6		3.96	.39	1.54	11	T			7	4	2
MORRISON	72.7	0.4	95	8	45	31	8		3.96	.22	1.61	11	T			6	4	1
MOUNT CARROLL	72.4	1.3	93	7+	46	31	5		4.90	.93	3.58	11				8	3	1
OTTAWA	74.4	1.1	95	7	50	21	6		6.12	2.32	3.14	11				10	4	2
PONTIAC	72.5	-1.9	89	8	51	20+			4.28	1.26	1.91	15				11	6	1
ROCKFORD	73.7	1.8	95	7+	48	31	9		1.31	-2.53	.58	12				6	2	
ROCKFORD CAA	72.2	1.4	96	8	45	31	7		2.88	- .97	1.90	11				6	2	1
STOCKTON	71.5		92	7+	45	21	4		2.91	-1.05	1.20	11				6	4	2
SYCAMORE	72.6	1.5	93	8	48	21+	6		1.99	-1.98	.71	18				6	3	
WALNUT	74.0	0.8	96	8	50	21	7		5.10	1.27	1.61	11				8	6	2
WAUKEGAN	72.2	2.0	95	8	50	21+	6		1.83	-1.26	.55	11				8	2	
DIVISION	73.3	1.2							3.15	-0.19								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	74.9	0.6	93	8+	51	20	7		1.56	-1.92	.54	28				6	3	
CARLINVILLE 4 E	74.4	1.5	93	9	48	22	11		2.25	-1.24	1.38	2	T			6	2	1
CHARLESTON	74.5M	-0.6	96	9	51	21			5.20	1.61	.97	30				11	7	
DANVILLE	73.4	0.7	97	10	49	20	9		1.57	-1.81	.57	2				10		
DECATUR	75.0	-0.1	94	8+	50	21	9		4.98	1.41	2.11	2				6	5	2
EFFINGHAM CAA	73.3	-1.0	94	11	50	22	7		4.31	.28	1.32	11				9	6	1
GRIGGSVILLE	74.4	1.5	95	26	47	21	10		2.03	-1.40	.60	2				6	4	
HAVANA	75.8	0.7	95	8+	52	21	11		1.98	-1.24	.87	19				4	3	
HILLSBORO	74.5	-1.5	93	11	51	21+	6		2.60	-1.16	1.45	2				7	2	1
HOOPESTON	72.7	-0.7	91	9+	48	21	4		.80	-2.73	.23	2				7		
JACKSONVILLE	75.2	0.2	95	7+	50	21+	12		2.68	- .88	.81	14				7	5	
LA HARPE	74.9M	0.8	95	7+	49	31	12		3.48	.16	2.01	19				8	3	1
LINCOLN	75.3	1.0	96	8	51	21	10		5.48	2.15	3.22	28				8	3	2
MATTOON	73.2		92	9+	51	21	6		3.16	- .39	.90	2				11	4	
MORRISONVILLE 1 E	72.5	2.2	94	10+	48	22+	11		1.26	2.26	.62	2				4	2	
NEWTON	76.4M	1.6	98	8	45	22	12											
PALESTINE	75.8	-0.3	97	10	52	21+	13		2.62	-1.16	.68	19				7	5	
PANA	76.1	0.7	99	11	49	21	18		2.50	-1.34	1.40	2				9	3	1
PEORIA WB AIRPORT	74.5	1.4	93	8	50	31	6		1.28	-1.84	.58	1				9	2	
QUINCY	76.7	-0.1	97	7+	52	21	14		2.14	-1.56	.98	12	T			6	2	
QUINCY CAA	74.0		92	11+	47	31	10		2.76	- .94	1.65	27	T			5	2	1
RANTOUL CHANUTE AF	74.5		93	10	52	31	5		1.00	-2.70	.35	11				6	3	
ROBERTS 3 N	72.7	-0.4	94	8	49	20+	5		1.98	-1.32	.73	11				7	3	
RUSHVILLE	75.3	0.3	95	8	52	21	11		2.55	- .92	1.17	19				7	3	1
SPRINGFIELD WB AIRPORT	74.0	1.8	92	9	50	31	5		4.21	1.04	1.36	11				9	6	1
SPRINGFIELD WB CITY	76.8	2.3	95	10	54	21	10		2.29	- .88	.51	19				8	5	
TABLE GROVE	75.9	1.2	96	11	52	21	11		2.21	-1.06	.99	12				8	2	
TUSCOLA	74.3		94	9	52	1+	8		2.28	-1.50	.83	2				9	3	
URBANA	74.4	1.0	94	8	52	21	6		2.37	-1.16	1.16	17	T			7	3	1
VIRDEN	73.9		93	9	50	21	7		4.12	.67	1.96	2				5	4	2
WATSEKA	72.6		92	8+	50	1+	5		1.70	-1.84	.81	11				7	3	
WHITE HALL 1 E	75.2	-0.5	94	7+	52	22+	10		1.35	-2.14	.57	28				8	1	
WINDSOR	74.2M	-0.5	94	11	48	21	9		3.02	- .56	1.24	2				8	3	1
DIVISION	74.6	0.1							2.62	-0.65								
SOUTHERN DIVISION																		
ALTON DAM 26	77.0		98	7	54	21	17		1.20	-2.38	.67	11				8	2	
ANNA	76.0	-1.5	93	10+	53	21	14		2.85	-1.06	.81	12				9	5	
BELLEVILLE SCOTT AF	76.4		93	11	53	21	11		2.26	-1.48	.90	2				8	3	
CAIRO WB CITY	79.1	0.3	95	12	60	21	13		3.21	.19	1.00	5				9	5	1
CARBONDALE SEWAGE PL	76.0	1.9	94	10+	50	21	14		4.16	.27	1.41	3				11	5	1
DU QUOIN	76.9	-0.6	94	9+	54	1+	12		2.89	- .67	.76	5				12	5	
EAST ST LOUIS	77.5M	-0.9	95	17	54	21	16		2.34	-1.20	2.00	2	T			6	1	1
ELIZABETHTOWN	76.8M		94	10	55	21	15		3.01	- .57	1.60	27				4	3	1
FAIRFIELD	76.6M	-0.7	93	10	55	21												
FLORA	76.8	0.8	94	10	52	21	11		2.18	-1.47	.96	19				4	4	
GOLCONDA DAM 51	75.9	-1.4	94	11	56	21	8		3.25	- .52	1.23	17				9	3	1
GREENVILLE	74.5	-2.0	92	11	53	21	4		3.38	- .25	1.42	19				7	4	2
HARRISBURG	76.7	1.5	97	11	52	21	15		3.10	- .78	.89	11				8	5	
MC LEANSBORO	77.3	0.1	95	11+	55	21+	15		2.16	-1.17	1.39	19				7	2	1
MT CARMEL	77.8	0.8	97	9	55	21+	18		4.53	1.19	2.03	12				7	4	2
MT VERNON	75.3	-1.9	98	11	50	21	18		2.76	- .89	1.68	3				6	2	1
NEW BURNSIDE	75.4	-1.6	95	11	47	21	10		2.10	-1.45	.72	2				10	3	
SPARTA	75.4	-2.0	94	10+	52	21	12		7.37	3.52	1.60	11				11	9	3
DIVISION	76.5	-0.9							3.10	-0.45								
STATE	74.6	0.0							2.90	-0.46								

See reference notes following Station Index.

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION			1.83								.05	.74			.29				.12	.20							.87					4.10
ALEDO	.01									.03	.10	.79					.20		1.33								.25			.13	T	2.84
ALTON DAM 26		.26	T							T	.67	.03	.04		T	.05	.09			.04								.02				1.20
ANNA						.23					.28	.81	.04	.52													.53	.06			.03	2.85
ANTIOCH	T						.17				.02	.32					.62	.22									.13				.13	1.61
AURORA COLLEGE	.08	.03									.66																				.21	0.98
BARRY	T	.04							T	.05	T	.75			T	T			.10								T	.35		.05	.44	1.78
BEARDSTOWN		.49									T	.81							T	1.23								.19		T		2.72
BEARDSTOWN LGRNG DAM R//		-									.20	.06			.03				1.32								.31	.01			.03	-
BELLEVILLE SCOTT AF Z		.90								.38	.20	.03		T		T				.01						T	.62	.10		.02		2.26
BELVIDERE SEWAGE PLANT R	.05									.09	.24						1.29	.15													.07	1.89
BENTLEY										.02	1.22			.02				T	1.28								.10			.04		2.68
BENTON	.05	.27								.03	.30					.09											.15	.07				0.96
BLOOMINGTON NORMAL		.44									T	.29					.08		.20	T								.54		.01		1.56
BLUFFS		.24								.06	.08						.50		.21								.03	.14		.08		1.34
BRADFORD CAA	.05								T	.54	1.09	.01	T	.95			T	T	.03								.66	.01	.15	.20	.17	3.86
BROOKPORT DAM 52				.09		.18	.07		.04			.10	.75		.19		.01	.04					.11				.04	.60				2.22
CAIRO WB CITY R			.03		1.00		.11	T	.04		.35	T			.06	.39			.30								.93					3.21
CAMP ELLIS R	.40										1.23					.09	.02		1.12								.10					2.96
CANTON	.50									.37	.12	.12		T			T	.43	.80								.11			.03		2.48
CARBONDALE SEWAGE PL			1.41	.42		.25						.77	.12	.03	.62		.09		T								.20	.12	.13	T		4.16
CARLINVILLE 4 E		1.38								.10	.03					T			.57									.12			.05	2.25
CARMI			.43								.17	.11		.27	T	.20			.41								1.10					2.69
CASEY		.13									.31				.53		.64		.16								3.02	.11				4.90
CENTRALIA 4 W		.18	.22								.10			1.40	.10	.52			.26								.08	.14			.03	3.03
CHANDLERVILLE		.80								T	.65	.45				.10			2.40									.10			.15	4.65
CHANNAHON DRESDEN ISLD		.60										1.71						.02										.80		.21		3.34
CHARLESTON		.80	.06								.30	.09		.35	.92		.10		.48								.92	.21		.97		5.20
CHENOA	.60	.35									.37	T		T	.07		.06		.02								.62	.21		.09	.18	2.57
CHESTER				.41								1.30	.53							.10								.80					3.14
CHICAGO CAL TREAT WKS R	.89										.09																.17	.02		.03	.27	1.47
CHICAGO HEIGHTS		.91					.02			.02	.29																	.44		.19	.18	2.05
CHICAGO LOYOLA UNIV R	.01										.40						.02										.96	.01		.03	.21	1.64
CHICAGO N BRA PUMP STA R	.05									.02	.41						.03										.79			.07	.31	1.68
CHICAGO SAN DIST DISP R	.10										.16																.10	.03		.23	.23	0.85
CHICAGO SAN DIST OFF R	.24										.12						.13										.12	.02		.05	.24	0.92
CHICAGO UNIVERSITY R	.21						.02				.22			.05			.08										.44	.02		.78	.41	2.23
CHICAGO WB AIRPORT R	.14		T								.16	T	.04	T			.01	T									.13	.03		.58	.22	1.31
CHICAGO WB CITY R	.19						T				.15			T			.16										.15	.02		.07	.27	0.98
CHILLICOTHE		1.15									.08	.12					.08			.08								.18		.06	T	1.75
CICERO	T	.15									.11		T				T										.03	.11		.17	.52	1.09
CISNE BROWN CAMP R			.05								.09			1.01	.24				1.09								.15					2.63
CLINTON 1 S		1.85									.55						.24	.20	.84	T								.83		T	.20	4.71
CRETE R	.28										1.35																.52	.06		.18	.10	2.49
DANVILLE		.57	.09								*	.54			.01	.01	.08										.07	.14			.06	1.57
DANVILLE SEWAGE PLANT		.27	.11									.80					T	.08									.07	.19			T	1.52
DECATUR		2.11								T	1.48	.30	T	T		.05	T	T	.56								T	.48		T	T	4.98
DES PLAINES 1 NW		.04	T							T	.06	.07					.14	T										.16			.03	0.50
DIONA	*	.34									.15	.05			.20				.26								1.05	.15		.21		2.41
DIXON	.02	.30								.03	1.12			.08			.71										.03	.18			.05	2.52
DOWNS 2 NE R	.60	.05									1.00	.87					.03		.39								.21	.54			.02	3.71
DU QUOIN			T	T	.76						.19	.30		.36	.14	.05			.08								.34	.10	.20	.05	.32	2.89
DWIGHT		.14									.68	.45					.58	.23										.55		.38	.09	3.10
DWIGHT STATE REFORM R	.08	.12									1.80						1.21	.05									.54	.31		.30	.13	4.54
EAST ST LOUIS		2.00				.05				.09					.03	T			.06								T	.11				2.34
EDWARDSVILLE	.29	1.09	T							T	.03	.14					T		.11								.12	.04				1.82
EFFINGHAM CAA Z		.56	.10								1.32		T	.30					.55								.94	.31		.14	.09	4.31
ELGIN	T										.19	.03					.53	T									T	T		.12	.16	1.03
ELIZABETHTOWN			T		.12						.80	.43	T		T	T											1.60					3.01
ELSAH		1.05								.12	.24	.09							.06									.11				1.67
EVANSTON PUMP STA R	.14	.01									.47						.02										1.22	.01		.01	.06	1.94
FAIRBURY WATER WORKS R//	.46	.12									.25			.28	.27												.15	.15		.13	.25	2.06
FAIRFIELD	-	-	-	-	-					.41	.04			3.02	.07				.42								.34					-
FARMER CITY R	.50	.45										.15					.03		.10									.24			.14	1.61
FLORA	.35										.33								.96												.54	2.18
FREEPORT	.21									.02	1.17			.10			.85	1.10									.53				.07	4.05
FREEPORT SEWAGE PLANT R	.18										1.00	.15			.20		.79	.99										.46				3.77
FULTON DAM 13 Z		.32									2.62	.32					.72	.06										.28		.05		4.37
GALATIA R		.09							.08		.15	.21	.05		.20												.75	.08				1.61
GALENA		.39								3.07							1.43										.28				.12	5.29
GALESBURG										T	.14	.71			T		.04		.43								.02			.09		1.43
GALVA	.12									.71	1.65	.05					.17		.27								1.56			.63	.10	5.26
GENESEO	.25									.65	4.43	.58			.03	.02	.07	T	.08								.10		.29		.09	6.59
GIBSON CITY	T	.47								T	1.03	.10		.01			.50	.12	.05									T		.01	.45	2.74
GLADSTONE DAM 18	T										.16	.97							.15	.39								.02		.01		1.70
GLENDALE EXP FARM R			.05		1.81						.75	.68		.03		.22	.04										2.42					6.00
GOLCONDA DAM 51 Z				.08		.62	.04	.10	T			.18	.05	.01			1.23			T	T	T	T						.94			T	3.25
GOLDEN												.79			.09	.21											.63	.08		T	.02	2.04
GRAFTON		.15	.04							T	.38	.83				T			.22	.03								.11				1.54
GRAND TOWER 2 N					1.91	.03					.08	.65			.02	T				.11							.05	.56	1.35	1.15		5.91
GREENFIELD R	.08									.02	.45	.07							.25								.05	.21			.15	1.28
GREENUP		.32	.17								.28	.08			.46			T	.13	T							2.00	T			.11	3.55
GREENVILLE		1.08										.42		.02		T	.01		1.42								.38	.05			T	3.38
GRIDLEY		1.14										.20					.26		.03									.59	.11		.09	2.42
GRIGGSVILLE		.60									.05	.46			.32	.40													.20			2.03
HARDIN		.28								1.02	.14								.10							.03	.31	1.44			.20	3.52
HARRISBURG		.01	.63		T		T		T		.89	.30	T	T		.11			.48								.63	.05		T		3.10
HARRISBURG 4 E				1.35							.19	.28	.38							.83									2.14				5.17
HAVANA		.65									.03	.43	T	T	T		T		.87								T			T	T	1.98
HAVANA NO 2		.62										.49							.07	.74								T				1.92
HENRY	.04	.42								.01	.64	.07		1.10			.18										.75			.74	.15	4.10
HILLSBORO		1.45									.04				.03	.01			.96								T	.08		T	.03	2.60
HOOPESTON Z		.23									.11	.06	.01		T													.17		.10	.12	0.80
HUDSON LK BLOOMINGTON R	.20	.30									.20						.04		.07								.27			.03	.04	1.15
HUTSONVILLE R//			.13					-	-	-	-	-	-	-	.08		.36		.13								.95	.16		.15	.02	-
HUTSONVILLE POWER PLA			.20								.15	.38			.22	.03		.47		.20								.70	.22		.64	3.21
ILLINOIS CITY DAM 16 Z		.03									1.10	.40						.33	1.76	.21								.07		.20		3.10
JACKSONVILLE		.61									.25	.04		.81	.03		T		.38									.56				2.68
JACKSONVILLE SEWAGE PL R	.42										.41			1.28					.35								1.19	.06				3.71
JOLIET BRANDON RD DAM		1.01									.97			.06														.82		.18	.03	3.07
JOLIET WB AIRPORT	.68										1.25	T	T	T			T	T									.94	.13		.18	.09	3.27
KANKAKEE		.84									1.05	.15	.01														.24	.21		.16	.14	2.80
KANKAKEE 4 W	T	.52									1.07	.21					T										.33	.49		.31	.07	3.00
KANKAKEE SEWAGE PLANT R	.02	.01									1.39																1.11	.06		.20	.05	2.84
KEITHSBURG											T	.90						.53	.42	.75								.86		.19		3.65
KEWANEE	T	.11								.55	1.84	.50				.02			.20								1.14		1.05			5.41
KEWANEE BAKER PARK R	.13									.40	3.12					.15	.05		.14								1.50		.05	.75	.10	6.39
KICKAPOO	1.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LA HARPE										.69	.03	.49	T			T		T	2.01	.03							.08	.06		.09	T	3.48
LANARK R	.09									.81	1.06			.03			.57										.25				.05	2.86
LA SALLE	.01	.23									2.10	.87	.04		.27	T												.61		.37	.08	4.58
LAWN RIDGE R	.15										.62	.01		.41	.01												.30		.08	.02		1.74
LAWRENCEVILLE										.62	.48			1.48	2.52			T	.34	.21							.68	T			.04	6.37
LE ROY		.99									1.35	.05					.11	.16	.17									.46			.04	3.33
LINCOLN		.42									.13	.19				.20	.13		1.14									3.22			.05	5.48

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LINCOLN NO 2	.37											.34	.03			.04		.10	.07	1.00								3.65	.17		.14	5.91
LOCKPORT LOCK AND DAM R	.87										.75			.80													.72	.03		.17	.21	3.55
LOCKPORT POWER HOUSE R	.89										.80			.78													.74	.04		.18	.19	3.62
LOUISVILLE R	.23										.14			.94	.06		.07		.59								.10			.35	.14	2.62
MACKINAW		.89									.02	.03		.31			.02		.20									1.07			.15	2.79
MACOMB	T	.03		.02						T		1.46							1.42	T							.07	.12		.06	T	3.18
MARENGO	.20										.27	.09					.25	.18									1.11	T			.22	2.32
MARIETTA R	.35		.08								.96	.04				.48			.96								*	.09				2.96
MARION		.70	T		1.76						.06	.76		.77													.43	.10				4.58
MAROA R	1.12										-						.10		.98								.30	.43			.23	-
MARSEILLES LOCK	T	.49									.40	5.23	T	T		T		.33	.01									.33		.65		7.44
MARSHALL 1 W	.14										.49		T		1.79		1.10		.09	.03							1.75	.12			.13	5.64
MASSBURTAH		.11	.36							T	.11	.12		.11	1.75	T			.05							.11	.51	.15		T	.49	3.87
MASON CITY R	.81										.40	.03							1.02								.17	.10			.09	2.62
MATTOON		.90	.08								.11			.66	.16			.23	.34								.33	.22		.12	.01	3.16
MC HENRY R										.06	.33						.87										.69				.10	2.05
MC HENRY 2 S	.06		T								.12	.24					1.25	.06									.17			T		1.90
MC LEANSBORO			.15				.05				.05	T		.07	.03		T		1.39								.42	T				2.16
MEDORA		.80								.04	.24	.05			.40		.05		.05								T	.05			.03	1.71
MENDON	.24										T	T					.27		.02									.22		.26		1.01
MERIDIAN WB AIRPORT Z	.28									.10	4.39	.59					T	T	.61								.26		.65	.21	.03	7.12
MERRIMAC R	.01									T	.08	.25				.70	.30		.30								.63		.14			2.41
MERRITTELL		.86									.31					.08	.19	.11	.25									.10			.10	2.00
MERRITTS		.70										1.72	T					.26										.73		.25	.08	3.74
MERRITTS 2 NE		.46									1.54	.29	T				T	.15										1.18		.23	.11	3.96
MORRISON	.06									.60	1.61			T			.96										.56		T	.17	T	3.96
MORRISONVILLE 1 E		.62									.05	T	T						.42								T	.17			T	1.26
MT CARMEL			.02								.48	2.03		.03	T				.28								1.60				.09	4.53
MT CARMEL WATER WORKS R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.28								1.60				.08	-
MOUNT CARROLL	.18									T	3.58	.02		.33	.03		.59										.13			T	.04	4.90
MOUNT OLIVE		.94								T	T	.05							1.79									T			.03	2.81
MOUNT PULASKI	.82										.53	.08			T	.25	T	T	.78									1.05			T	3.51
MOUNT STERLING		.06										.85				T			.21								.93	.17			.07	2.29
MT VERNON			1.68									.51			.06				.19								.18	.14				2.76
NASHVILLE		.34	.15								.07			.51	T				.83						T		.16	.15		.20		2.41
NEWARK 7 E		.45									.48	1.20			-	-	-	-	-	-	-	-	-	-				.25		.37	.10	-
NEW BOSTON DAM 17											.20	1.62		.02				T	.35	.40								1.24		.03		3.86
NEW BOSTON 2 NW											1.12						.03		1.24								1.04			.10		3.53
NEW BURNSIDE		.72	.20		.10					.01	.18	.30		.04													.51	.03			.01	2.10
NEWTON Z	.15										-	-		-					.28												.09	-
OREGON POWER PLANT Z	.10	.11									1.00						1.05	.06									.03				T	2.35
OTTAWA	.03	.61									3.14	.05	T				.09	.20									1.23	.04		.49	.24	6.12
PALESTINE			.30								.36	T		.06	.57		.03		.68												.62	2.62
PANA		1.40						T	T		.07	.01		.10		.02			.38								.43	.03			T	2.50
PAW PAW	.12							.07			1.11	T					.47	.07										.11	.05			2.00
PEKIN		T								.08	T	.67	T		T	T			.07								.50				.06	1.38
PEORIA LOCK AND DAM R	1.13										.08	.02		.02			.30		.29								.05	.01				1.90
PEORIA WB AIRPORT R	.58									T	.08	.01		.02			.16		.37								.02	.03	.01	T	T	1.28
PEOTONE		.10									.81	.11																.20		.11	.35	1.68
PERU	.01	.22									.63	2.37						.16										.51		.35		4.25
PETERSBURG		.47									.88	.27		.60			.30		2.00								.05	.30			.10	4.97
PIPER CITY R	.01	.31					-	-	-	-	-	-	-	-	-	-	-	-	-									.22	.06	.22			
PITTSFIELD WATER WORKS R	.19	.06								.05	.37	.26			.18	.04											.20			.08	.19	1.62
PLEASANT HILL 2 E		.87								.02	.32	.89			.03	.06			.02									.43			.03	2.67
PONTIAC T		.35				.04					.35	.67		.13	1.91		.01	T	T								.33	.17		.07	.25	4.28
PRINCETON 1 S R	.04	.02								.18	1.95						.15										.15		.06	.24	.08	2.87
PRINCEVILLE 2 NW T	.32									.07	.09	.27		T	T			.02	.22								.35	.02		.02	T	1.38
PROPHETSTOWN R	.25									.95	1.17						.03										.19		.02	.43	.03	3.07
QUINCY							.01			.07		.98							T								.90	.07			.11	2.14
QUINCY CAA										T	.82	.20							.02								1.65	T			.07	2.76
QUINCY DAM 21 Z											.05	.96							T	T								.38				1.39
QUINCY MEMORIAL BRIDGE									T		.05	.97							T	T								.91				1.93
RANTOUL CHANUTE AF Z	.07	.01								T	.35	T					.27		T								T	.25		T	.05	1.00
RED BUD	.30							.01	.04	.03	1.06								.33								.25			1.74		3.76
RICHVIEW R			.90								.15	1.17	.55	.75		1.00			.17								.04	.60	.03			5.36
ROBERTS 3 N		.27									.73	.28			T		.12											.22		.19	.17	1.98
ROCHELLE	.27									T	.73						.35										.72				.10	2.17
ROCKFORD	.13										.50	.58					.05										.04				.01	1.31
ROCKFORD CAA	.15									.03	1.90	T					.70										.02				.08	2.88
ROCK ISLAND DAM 15	T	.39									3.90	3.60	.02		T			T	.43	.08								.50		.60		9.52
ROCKPORT	.12							T	.28			.58				.15			T								.23	.17		T		1.53
ROSEVILLE		.03										.64				.04			1.17								.42	.15			.10	2.55
STE MARIE MISSION HSE			.15									.46			.59	.03			T	.21							T	.33	.13		.09	1.99
SALEM		.13	.54								.06	.49			.50	.19			1.12	.01							.29	.06			.01	3.40
SHAWNEETOWN NEW TOWN			1.34			.06	.03				.29	.24			.04					2.24		T						1.12				5.36
SIDELL		.46										.38		.28			.16	.28		.12							.08	.08	.19		.36	2.39
SKOKIE N S TREAT WKS R	.05										.35						.03										1.72			.02	.08	2.25
SPARTA		63	1.39							.74	1.60	1.18	T		.67				.36	.11							.34	.28		.07	T	7.37
SPRINGFIELD WB AIRPORT Z	.34	.02								T	1.36	.67	T		.01	T	.36		.85								.43	.17			T	4.21
SPRINGFIELD WB CITY Z	.31	.08								T	.30	.42	T		T		.28		.51								.18	.21			T	2.29
STICKNEY W SIDE TREAT R	.06										.13		.03														.23	.01		.10	.39	0.95
STOCKTON	.28										1.20	.03					1.02										.32				.06	2.91
STREATOR		.40								T	.96	.02					.22	.04										.14		.31	.24	2.33
SULLIVAN WATER WORKS R	.11	1.10									.03			.20			.05		.38								.16				.05	1.98
SYCAMORE	.05										.44						.09	.71									.46				.24	1.99
TABLE GROVE	.03	.12								.01		.99					.01		.89								T	.14		.02	T	2.21
TAYLORVILLE	1.44										.65	.05					.01		.58									.31		.02	.03	3.09
TILTON	.11	.25								T	1.65	.75		1.50			.20										.24			.34	.16	5.20
TOLONO		.04									.91	.66					T		.25								.81	.06		.65	T	3.38
TUSCOLA		.83									.36	.07			.20	T	.32		.17								.21	.11		.01		2.28
UNION		.36								T	.08	.40					1.16		.10								T	.22			.06	2.37
URBANA EXP FARM R	.42										.20	.15				T	.80		.07									.20			.01	1.85
URBANA WATER WORKS		.29										.50	.02				1.14		.07								T	.21			.05	2.28
UTICA STARVED ROCK DAM T		.51									.22	1.32	.02	.02				.18										.46		.32		3.07
VENEDY Z		.40												.16	T	.50			.25								.55	T			T	1.86
VIOLA		1.06									.29						.05		.75									1.07			T	4.12
WALNUT	.09									1.05	1.61			.71			.37										.49			.69	.09	5.10
WARSAW										.50	.03	1.34							1.64								.10					3.61
WASHINGTON R	.75	.03									*	.09					.08		.20								.44	.04		.09		1.72
WATSEKA		.23									T	.12				.21				.21						T	T	.12			.05	0.94
WATERMAN	.12					.05				.08	2.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05	-
WATSEKA		.26									.81	.02				.06	T											.22		T	.27	1.70
WAUKEGAN	.09					.23				.04	.55					.03	.24										.20	.22			.26	1.83
WENONA			.02	.03								1.55	.50		.08	.05				.30								.09				2.62
WILMINGTON R	.28										.58						-	-									-	-		-	.15	-
WILMINGTON 2 S R		.54							1.87		.22	.32		.94		.27			.15								.44					4.75
WHEATON COLLEGE	.21										.45						.20	T									.25			.22	.64	1.97
WHITE HALL 1 E		.18								T	.07	.12		T	.22	.03			.05									.57			.11	1.35
WILCOX			13												1.05	.65				.50								.18	.16		.61	3.27
WINCHESTER		1.24									.03			.72			.13		.36								.23	.10		.21	T	3.02

See reference notes following Station Index

Station	A M Hour ending												P. M. Hour ending									Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
BELVIDERE SEWAGE PLANT						.05																			.05
BRADFORD CAA 6																			*	*	*	*	*	.05	
CAMP ELLIS																			.04	.36					.40
CHICAGO CAL TREAT WKS																				.08	.77	.03	.01		.89
CHICAGO LOYOLA UNIV																					.01				.01
CHICAGO N BRA PUMP STA																		.03	.02						.05
CHICAGO SAN DIST DISPAT																				.09		.01			.10
CHICAGO SAN DIST OFF																			.02	.22					.24
CHICAGO UNIVERSITY																			.02	.02	.17				.21
CHICAGO WB AIRPORT																				.05	.08	.01			.14
CHICAGO WB CITY																			.01	.16	.02				.19
CRETE																					.07	.16	.04	.01	.28
DOWNS 2 NE																					.11	.31	.06	.12	.60
DWIGHT STATE REFORM																						.08			.08
EFFINGHAM CAA																						.02	.02	.17	.21
EVANSTON PUMP STA																			.11	.03					.14
FAIRBURY WATER WORKS //																							.07	.39	.46
FARMER CITY																						.38	.05	.07	.50
FREEPORT SEWAGE PLANT					.06	08	.01	.01																	.16
FULTON DAM 13																	.30								.30
GREENFIELD									*	*	*	*	*	*	*	*	*	*	*	*	*	.08			.08
HOOPESTON																								.02	.02
HUDSON LK BLOOMINGTON																						.06	.02	.12	.20
ILLINOIS CITY DAM 16																	.03								.03
JACKSONVILLE SEWAGE PL																						.05	.23	.14	.42
JOLIET WB AIRPORT 6																			*	*	*	*	*	.68	
KANKAKEE SEWAGE PLANT																							.02		.02
KEWANEE BAKER PARK																			.13						.13
LANARK				.02	.02	.04	.01																		.09
LAWN RIDGE									.13	.01								.01							.15
LOCKPORT LOCK AND DAM																			.16	.12	.55	.04			.87
LOCKPORT POWER HOUSE																			.17	.11	.56	.05			.89
LOUISVILLE								.18	.04	.01															.23
MARIETTA																		.05	.30						.35
MAROA															.99	.01	.02	.08	.02						1.12
MASON CITY																					.21	.60			.81
MOLINE WB AIRPORT //														.02				.25	.01						.28
OREGON POWER PLANT //						.07										.10									.17
PEORIA LOCK AND DAM //																				.52	.03	.52	.06		1.13
PEORIA WB AIRPORT																				.24		.08	.26		.58
PIPER CITY																								.01	.01
PITTSFIELD WATER WORKS																				.13		.04	.01	.01	.19
PRINCETON 1 S //							.03												.01						.04
PROPHETSTOWN						.07	.08											.01	.09						.25
RANTOUL CHANUTE AF BASE //																							.01	.04	.05
ROCKFORD CAA 6	*	*	*	*	*	.06							*	*	*	*	*	.09							
SKOKIE N S TREAT WKS																			.04		.01				.05
SPRINGFIELD WB AIRPORT //																						.08	.18	.08	.34
SPRINGFIELD WB CITY																							.18	.13	.31
STICKNEY W SIDE TREAT																				.05		.01			.06
SULLIVAN WATER WORKS //																								.01	.01
URBANA EXP FARM											.27	.05	.05	.03			.01	.01							.42
WASHINGTON																				.38	.19	.01	.15	.02	.75
WATERMAN //																	.01	.06	.02		.03				.12
WENONA																						.28			.28
—2d—																									
BEARDSTOWN LAGRANGE DAM //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIONA	*	*	*	*	*	*	*	*	*	.25			.02	.03	.01	.01			.02						.34
DOWNS 2 NE						.03	.02																		.05
DWIGHT STATE REFORM	.01	.01			.10																				.12
EFFINGHAM CAA //	.21	.03						.03												.06	.05				.38
EVANSTON PUMP STA		.01																							.01
FAIRBURY WATER WORKS //	.12																								.12
FARMER CITY	.05					.21	.19																		.45
GALATIA																		.09							.09
HOOPESTON	.09	.07		.01		.01	.01	.01	.01																.21
HUDSON LK BLOOMINGTON	.30																								.30
KANKAKEE SEWAGE PLANT	.01																								.01
PIPER CITY	.04	.15	.07	.01			.04																		.31
PITTSFIELD WATER WORKS	.06																								.06
PRINCETON 1 S //	-	-	-	-	-	-	-	-	-	-	-	-								.02					.02
RANTOUL CHANUTE AF BASE //	.03						.02	.04			.01														.10
SPRINGFIELD WB AIRPORT //	.02																								.02
SPRINGFIELD WB CITY	.06	.02																							.08
SULLIVAN WATER WORKS //	.18	.40	.15	.11	.11	.08	.02					.03	.01	.01											1.10
WASHINGTON	.03																								.03
WEST FRANKFORT 8 E																	.54								.54
—3d—																									
CAIRO WB CITY																.03									.03
CISNE BROWN CAMP								.05																	.05
EFFINGHAM CAA //	.01	.10																							.11
GLENDALE EXP FARM															.05										.05
GOLCONDA DAM 51												-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUTSONVILLE //						.13																			.13
MARIETTA																				.06	.02				.08
RICHVIEW			.60	.17	.06	.02	.03	.02																	.90
—5th—																									
CAIRO WB CITY												.44	.56												1.00
GLENDALE EXP FARM														1.63	.18										1.81
—7th—																									
CAIRO WB CITY							.01	.01	.09																.11
CHICAGO UNIVERSITY				.02																					.02
GOLCONDA DAM 51	-	-	-	-	-	-	-	-	-	-	-														-
PIPER CITY							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATERMAN //																.05									.05
—9th—																									
CAIRO WB CITY													.04												.04
GALATIA													*	*	*	*	*	.08							.08
HUTSONVILLE //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST FRANKFORT 8 E																	1.54	.33							1.87

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4—Continued

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
—10th—																										
BELVIDERE SEWAGE PLANT																			.01	.02	.01	.01	.04		.09
BRADFORD CAA	6													*	*	*	*	*	.50	*	*	*	*	*	.04	
CHICAGO N BRA PUMP STA																							.02		.02
FREEPORT SEWAGE PLANT																			.02	.08	.03	.03	.02		.18
FULTON DAM 13																				.28	.27				.55
GREENFIELD																			.01	.01					.02
ILLINOIS CITY DAM 16																		.08	.07	.04					.19
KEWANEE BAKER PARK																		.20	.20						.40
LANARK																			.05	.67	.06	.03			.81
MC HENRY																							.01	.05	.06
MOLINE WB AIRPORT	//																		.08	.01	.01				.10
OREGON POWER PLANT																			.02	.13	.11	.02	.03		.31
PITTSFIELD WATER WORKS																.01	.04								.05
PRINCETON 1 S																			.02	.13	.03				.18
PROPHETSTOWN																		.12	.73	.06	.04				.95
QUINCY DAM 21															.04	.01			.01	.01					.07
ROCKFORD CAA	6																			*	*	*	*	.03	
WATERMAN																						.05	.02	.01	.08
—11th—																									
BEARDSTOWN LAGRANGE DAM	//																						.03	.07	.10	.20
BELVIDERE SEWAGE PLANT								.13	.05		.03											.03			.24
BRADFORD CAA	6	*	*	*	*	*	.05	*	*	*	*	*	.98							*	*	*	*	*	.07	
CAIRO WB CITY																.35									.35
CAMP ELLIS																					.83	.26	.09	.05	1.23
CHICAGO CAL TREAT WKS											.01	.06	.02												.09
CHICAGO LOYOLA UNIV									.07	.09		.02											.01		.40
CHICAGO N BRA PUMP STA										.18	.01	.05	.01									.15	.01		.41
CHICAGO SAN DIST DISPAT									.08	.05		.01	.01					.01							.16
CHICAGO SAN DIST OFF										.10		.02													.12
CHICAGO UNIVERSITY										.16		.04	.02												.22
CHICAGO WB AIRPORT									.09	.03	.01	.02	.01												.16
CHICAGO WB CITY									.01	.08	.02	.01	.01	.01								.01			.15
CISNE BROWN CAMP														.04			.01	.01	.03						.09
CRETE									.05	.09		.28	.08	.07		.01					.43	.33		.01	1.35
DIONA															.15										.15
DOWNS 2 NE										.13				.60						.27					1.00
DWIGHT STATE REFORM											.08	.15	.45	.04	.01		.01			.01	.72	.33			1.80
EFFINGHAM CAA															.10	.29	.03	.98	.01						1.41
EVANSTON PUMP STA										.10											.35			.02	.47
FAIRBURY WATER WORKS	//																						.14	.11	.25
FREEPORT SEWAGE PLANT						.40	.20	.13	.07	.09	.01		.02												.92
FULTON DAM 13					.23	.16	.86	.67	.27	.01	.02	.08													2.30
GALATIA										.05	.01	.03	.01									.05			.15
GLENDALE EXP FARM																.72	.03								.75
GOLCONDA DAM 51																.17	.01								.18
GREENFIELD															.01	.01	.42	.01							.45
HOOPESTON											.05	.01	.02			.03	.02							.01	.12
HUDSON LK BLOOMINGTON															.20										.20
ILLINOIS CITY DAM 16				.11	.40	.11	.10	.15	.03	.01								.05	.34	.01					1.31
JACKSONVILLE SEWAGE PL																	.39							.01	.01	.41
JOLIET WB AIRPORT	6							*	*	*	*	*	.97							*	*	*	*	*	.28	
KANKAKEE SEWAGE PLANT								1.08								.01					.27	.03			1.39
KEWANEE BAKER PARK						.04		.06	.20	1.50	.15	.09	.01	.04	.06			.01	.01	.23	.72				3.12
LANARK				.01	.10	.36	.23	.17	.03	.15		.01													1.06
LAWN RIDGE										.03	.02	.07	.04							.14	.32				.62
LOCKPORT LOCK AND DAM								*	.32		.26	.07	.01							.07	.02				.75
LOCKPORT POWER HOUSE									.32	.02	.27	.08									.11				.80
LOUISVILLE																.14									.14
MARIETTA															.22						.56	.04	.10	.03	.01	.96
MAROA SEWAGE PLANT											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASON CITY																	.20			.18				.01	.01	.40
MC HENRY										.01	.02		.01	.01		.01				.17	.10					.33
MOLINE WB AIRPORT	//				.25	.08	.25	.88	1.99	.65	.22	.02								.01	.04					4.39
OREGON POWER PLANT	//						.32	.19	.11	.02	.03															.67
PEORIA LOCK AND DAM	//																						.05	.02	.01	.08
PEORIA WB AIRPORT																						.01	.05	.01	.01	.08
PITTSFIELD WATER WORKS																							.09	.20	.08	.37
PRINCETON 1 S	//						.05	.21	.24	.57	.55	.18	.10	.01	.01									.02	.01	1.95
PROPHETSTOWN						.10	.12	.15	.23	.24	.13	.08	.01	.01							.10					1.17
QUINCY CAA	6																			*	*	*	*	*	.82	
QUINCY DAM 21																							.55	.04	.01	.60
RANTOUL CHANUTE AF BASE	//										.05				.28	.02										.35
RICHVIEW																	.05			.10						.15
ROCKFORD CAA	6	*	*	*	*	*	.03	*	*	*	*	*	.08							*	*	*	*	*	1.79	
SKOKIE N S TREAT WKS										.22											.07	.06			.35
SPRINGFIELD WB AIRPORT	//													.45	.15			.41	.33	.01	.01				1.36
SPRINGFIELD WB CITY																		.14	.09	.02	.02				.27
STICKNEY W SIDE TREAT									.07	.03		.02	.01												.13
SULLIVAN WATER WORKS	//													.02					.01						.03
URBANA EXP FARM																				.20					.20
WASHINGTON																				*	*	*	*	*	*
WATERMAN	//						.02	.08	.05	.10	.05												.19	1.54		2.03
WENONA											.12	.31	.09	.05	.01											.58
WEST FRANKFORT 8 E													.10		.04						.03	.03	.02		.22
—12th—																									
BEARDSTOWN LAGRANGE DAM	//	.05	.01																						.06
DIONA											.01	.02	.01	.01											.05
DOWNS 2 NE																.85	.02								.87
FARMER CITY																.15									.15
GALATIA							.10		.01							.10									.21
GLENDALE EXP FARM															.64	.04									.68
GOLCONDA DAM 51																.02									.02
GREENFIELD					.01	.03	.01		.02																.07
HOOPESTON		.04	.01																						.05
LAWN RIDGE									.01																.01
MARIETTA		.01	.01	.01					.01																.04
MASON CITY		.02	.01																						.03
MOLINE WB AIRPORT	//						.05	.19	.34	.01															.59
PEORIA LOCK AND DAM		.01	.01																						.02
PEORIA WB AIRPORT				.01																					.01
PITTSFIELD WATER WORKS		.02	.11	.05	.03	.02	.02	.01																	.26
QUINCY CAA	6	*	*	*	*	*	.20																			
QUINCY DAM 21		.10	.12	.08																					.30
RICHVIEW																.80	.37								1.17
SPRINGFIELD WB AIRPORT	//				.08	.59																			.67
SPRINGFIELD WB CITY		.01	.01			.41																			.43
URBANA EXP FARM																									.15
WASHINGTON		*	*	*	*	*	.09									.12	.03								.09
WATERMAN	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST FRANKFORT 8 E									.32																.32

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—13th—																										
CHICAGO WB AIRPORT		.01	.02	.01																						.04
GALATIA								.02	.03																	.05
RICHVIEW																			.55							.55
STICKNEY W SIDE TREAT			.01	.02																						.03
—14th—																										
BRADFORD CAA	6																			*	*	*	*	*	.95	
CHICAGO UNIVERSITY									.05																	.05
CISNE BROWN CAMP														.11		.65		.24	.01							1.01
EFFINGHAM CAA	//														.04	.01		.05	.08	.02						.20
FAIRBURY WATER WORKS	//																							.27	.01	.28
FREEPORT SEWAGE PLANT														.19	.01		.01									.21
GLENDALE EXP FARM								.01	.02																	.03
HUTSONVILLE	//	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JACKSONVILLE SEWAGE PL																		1.25	.03							1.28
LANARK																		.02		.01						.03
LAWN RIDGE																	.01	.40								.41
LOCKPORT LOCK AND DAM					.50	.30																				.80
LOCKPORT POWER HOUSE					.35	.43																				.78
LOUISVILLE																		.83	.04	.03	.02	.01			.01	.94
PEORIA LOCK AND DAM	//																.01	.01								.02
PEORIA WB AIRPORT																			.02							.02
RICHVIEW																	.11	.19	.03	.29	.07	.06				.75
SULLIVAN WATER WORKS	//																		.03	.07	.08	.02				.20
WEST FRANKFORT 8 E															.70	.24										.94
—15th—																										
CAIRO WB CITY													.02	.04												.06
BEARDSTOWN LAGRANGE DAM	//																.01	.02								.03
CISNE BROWN CAMP																	.14	.05		.05						.24
DIONA							*	*	.20																	.20
FAIRBURY WATER WORKS	//				.12	.10															.05					.27
HUTSONVILLE	//								.05	.01	.01				.01											.08
LOUISVILLE		.01												.04	.01											.06
PITTSFIELD WATER WORKS																.15	.03									.18
SPRINGFIELD WB AIRPORT	//																								.01	.01
—16th—																										
CAIRO WB CITY														.32					.01	.06						.39
CAMP ELLIS													.08		.01											.09
GALATIA													.03	.07	.10										*	.20
GLENDALE EXP FARM																									.22	.22
GOLCONDA DAM 51														.47		.65	.10									1.22
KEWANEE BAKER PARK															.10	.05										.15
MARIETTA																	.47	.01								.48
MT CARMEL WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PITTSFIELD WATER WORKS												.04														.04
RICHVIEW												.30	.53	.16	.01											1.00
WEST FRANKFORT 8 E														.07	.20											.27
—17th—																										
BELVIDERE SEWAGE PLANT								.02	.10																1.17	1.29
CAMP ELLIS													.02													.02
CHICAGO LOYOLA UNIV											.02															.02
CHICAGO N BRA PUMP STA											.03															.03
CHICAGO SAN DIST OFF														.01	.12											.13
CHICAGO UNIVERSITY														.05	.03											.08
CHICAGO WB AIRPORT															.01											.01
CHICAGO WB CITY														.12	.04											.16
DOWNS 2 NE												.03														.03
DWIGHT STATE REFORM											1.20	.01														1.21
EVANSTON PUMP STA										.02																.02
FARMER CITY													.03													.03
FREEPORT SEWAGE PLANT							.10	.68	.03		.01											.54	.41			1.77
FULTON DAM 13								.28	.47																	.75
GLENDALE EXP FARM		.04																								.04
HUDSON LK BLOOMINGTON													.04													.04
HUTSONVILLE	//															.31	.03		.02							.36
ILLINOIS CITY DAM 16										.30																.30
KEWANEE BAKER PARK										.05																.05
LANARK							.20	.35	.02																	.57
LAWN RIDGE											.01															.01
LOUISVILLE																			.05	.02						.07
MAROA SEWAGE PLANT																		.10								.10
MC HENRY								.05	.78				.02					.02								.87
OREGON POWER PLANT	//							.63	.42	.01														.04	.03	1.13
PEORIA LOCK AND DAM	//												.27	.03												.30
PEORIA WB AIRPORT												.13	.03													.16
PRINCETON 1 S	//									.12	.02	.01														.15
PROPHETSTOWN									*	*	.03															.03
RANTOUL CHANUTE AF BASE	//												.20		.01		.01									.22
ROCKFORD CAA	6							*	*	*	*	*	.08							*	*	*	*	*	.62	
SKOKIE N S TREAT WKS											.03															.03
SPRINGFIELD WB AIRPORT	//														.34	.02										.36
SPRINGFIELD WB CITY															.16	.10	.01									.27
SULLIVAN WATER WORKS	//															.05										.05
URBANA EXP FARM														.80												.80
WASHINGTON								*	*	*	*	*	.08													.08
WENONA							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—18th—																										
BELVIDERE SEWAGE PLANT		.14	.01																							.15
DWIGHT STATE REFORM										.04		.01														.05
WENONA		-	-	-	-	-	-	-	-	-	-	-														-
—19th—																										
BEARDSTOWN LAGRANGE DAM	//													.64	.57	.05	.03	.02	.01							1.32
BRADFORD CAA	6							*	*	*	*	*	.03													
CAIRO WB CITY										.06	.18	.06														.30
CAMP ELLIS			.01	.01	.01		.01		.01		.13	.45	.15	.20	.07	.02	.01	.01	.03							1.12
CISNE BROWN CAMP																.25	.46	.23	.15							1.09
DIONA													.09	.06	.02	.07	.01	.01								.26
DOWNS 2 NE												.02	.26	.07	.03	.01										.39
EFFINGHAM CAA	//							.02	*	*	*	*	*	.06	.02	.03	.22									.35
FARMER CITY												.02		.03	.04	.01										.10
GREENFIELD												.05	.17	.03												.25
HUDSON LK BLOOMINGTON																.07										.07
HUTSONVILLE	//													.01	.04	.03	.01	.02	.01	.01						.13

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4—Continued

Station	A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
ILLINOIS CITY DAM 16		19	11		.01	.99	.38	.13	.08	.04	.07														2.00
JACKSONVILLE SEWAGE PL									.08	.03	.07	.06	.05	.01		.01	.01	.03							.35
KEWANEE BAKER PARK							.07	.04	.01	.02			.02												.14
LAWN RIDGE								.02		.03	.02	.05													.14
LOUISVILLE														.01	.04	.16	.34	.03	.01						.59
MARIETTA			.42	.13			.02	.01		.02	.10	.10	.07	.07	.01		.01								.96
MAROA SEWAGE PLANT									.09	.01			.01	.02	.20	.47	.07	.06	.05						.98
MASON CITY				.07	.08	.01			.23	.20	.12	.15	.05	.04		.04	.03								1.02
MOLINE WB AIRPORT			.06	.15	.10	.04	.12	.08	.04	.02															.61
MT CARMEL WATER WORKS												.04					.03	.04	.15	.02					.28
PEORIA LOCK AND DAM					.02	.01	.01		.02	.01	.06	.01	.04	.06	.05										.29
PEORIA WB AIRPORT					.04	.01		.01	.01	.01	.10	.04	.02	.06	.05	.02									.37
PIPER CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QUINCY CAA 6							*	*	*	*	*	.02													
RICHVIEW															.02	.13	.02								.17
SPRINGFIELD WB AIRPORT									.06	.24	.28	.13	.09	.04	.01										.85
SPRINGFIELD WB CITY										.05	.18	.12	.10	.02	.03										.50
SULLIVAN WATER WORKS								.05	.10			.03	.04	.06	.05	.04	.01								.38
URBANA EXP FARM															.07										.07
WASHINGTON											.05	.03	.02	.08	.01	.01									.20
WEST FRANKFORT 8 E															.15										.15

—27th—

BEARDSTOWN LAGRANGE DAM															.06	.21			.02				.01	.01	.31
BRADFORD CAA 6													*	*	*	*	*	.66	*	*	*	*	*	.01	
CAIRO WB CITY				.04	.34	.20	.35																		.93
CAMP ELLIS																					.10				.10
CHICAGO CAL TREAT WKS																			.06	.10	.01				.17
CHICAGO LOYOLA UNIV																		.74	.05	.15	.02				.96
CHICAGO N BRA PUMP STA																		.59	.03	.14	.02	.01			.79
CHICAGO SAN DIST DISPAT																		.01	.02	.07					.10
CHICAGO SAN DIST OFF																			.02	.10					.12
CHICAGO UNIVERSITY																		.20	.15	.08	.01				.44
CHICAGO WB AIRPORT																		.01	.05	.07					.13
CHICAGO WB CITY																.04			.02	.07	.02				.15
CISNE BROWN CAMP							.05	.03	.02	.05															.15
CRETE																			.44	.05	.03				.52
DIONA					34	.36	.05		.05	.24	.01														1.05
DOWNS 2 NE																				.03	.05	.07	.03	.03	.21
DWIGHT STATE REFORM																		.43	.10	.01					.54
EFFINGHAM CAA				.06	.40	.13			.14	.20	.01														.94
EVANSTON PUMP STA																		1.04	.01	.15	.02				1.22
FAIRBURY WATER WORKS																			.05	.05		.02	.01	.02	.15
FREEPORT SEWAGE PLANT														.25	.09	.02			.06	.01					.43
FULTON DAM 13																.15	.09	.01	.01						.26
GALATIA							.02	.18	.15	.05	.02	.01	.01	.01		.25	.02	.01	.01	.01					.75
GLENDALE EXP FARM						.24	.91	1.04	.23																2.42
GOLCONDA DAM 51	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENFIELD																							.04	.01	.05
HUDSON LK BLOOMINGTON																					.20	.07			.27
HUTSONVILLE //								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.95	.95
ILLINOIS CITY DAM 16																.05									.05
JACKSONVILLE SEWAGE PL																			.35	.65			.05	.14	1.19
JOLIET WB AIRPORT 6													*	*	*	*	*	.85	*	*		*	*	.09	
KANKAKEE SEWAGE PLANT													.72	.18	.01					.19	.01				1.11
KEWANEE BAKER PARK															.19	1.21	.05		.05						1.50
LANARK														.25											.25
LAWN RIDGE																.04	.26								.30
LOCKPORT LOCK AND DAM																		.57	.15						.72
LOCKPORT POWER HOUSE																		.41	.29	.03				.01	.74
LOUISVILLE							.09	.01																	.10
MARIETTA																				*	*	*	*	*	*
MAROA SEWAGE PLANT																				.10	.05	.06	.08	.01	.30
MASON CITY																	.07				.05	.05			.17
MC HENRY												.24	.20	.03	.02	.01	.17	.01						.01	.69
MOLINE WB AIRPORT //													.02		.13	.11									.26
MT CARMEL WATER WORKS								.04	.66	.55	.27	.08													1.60
OREGON POWER PLANT //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA LOCK AND DAM //																			.03	.01			.01	.05	
PEORIA WB AIRPORT																						.01	.01	.02	
PITTSFIELD WATER WORKS														.01				.04		.06		.05	.01	- 3	.20
PRINCETON 1 S																	.09	.06							.15
PROPHETSTOWN														.02		.04	.11					.01	.01		.19
QUINCY CAA 6													*	*	*	*	*	1.52	*	*	*	*	*	.13	
QUINCY DAM 21												-	-	-	-	-	-	-	-	-	-	-	-	-	-
RANTOUL CHANUTE AF BASE																			-	-	-	-	-	-	-
RICHVIEW															.04										.04
ROCKFORD CAA 6													*	*	*	*	*	.02							
SKOKIE N S TREAT WKS																		1.52	.01	.17	.02				1.72
SPRINGFIELD WB AIRPORT																				.40	.03				.43
SPRINGFIELD WB CITY																						.14	.02	.02	.18
STICKNEY W SIDE TREAT																		.09	.06	.07	.01				.23
SULLIVAN WATER WORKS					.06	.10																			.16
WASHINGTON																	.35	.07						.02	.44
WENONA												-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST FRANKFORT 8 E								.23	.16	.05															.44

—28th—

BEARDSTOWN LAGRANGE DAM	.01																								.01
CHICAGO CAL TREAT WKS							.01	.01																	.02
CHICAGO LOYOLA UNIV						.01																			.01
CHICAGO SAN DIST DISPAT							.03																		.03
CHICAGO SAN DIST OFF							.02																		.02
CHICAGO UNIVERSITY							.01	.01																	.02
CHICAGO WB AIRPORT							.03																		.03
CHICAGO WB CITY							.02																		.02
CRETE								.02	.02		.02														.06
DIONA									.03	.12															.15
DOWNS 2 NE	.02			.04	.09	.14	.01		.02			.22														.54
DWIGHT STATE REFORM						.04	.02			.15	.09	.01													.31
EFFINGHAM CAA									.10			.01	.01			.17	.01								.30
EVANSTON PUMP STA					.01																				.01
FAIRBURY WATER WORKS						.05		.03			.07														.15
FARMER CITY						.05	.05	.01	.01		.01	.10	.01												.24
GALATIA													.08												.08
GREENFIELD	.08	.07	.02	.03								.01													.21
HOMER TWP										.19	.03			.01											.23
HUTSONVILLE										.11		.02	.02	.01											.16
JACKSONVILLE SEWAGE PL	.01	.02	.01	.02																					.06
JOLIET WB AIRPORT 6	*	*	*	*	*	.12	*	*	*	*	*	.01													
KANKAKEE SEWAGE PLANT								.02	.02	.02															-
LOCKPORT LOCK AND DAM						.03																			.06
LOCKPORT POWER HOUSE					.01	.02	.01																		.03
MARIETTA	*	*	*	*	*	.09																			.04
MAROA SEWAGE PLANT					.02	.23	.05					.10	.03												.09
																									.43

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MASON CITY		.03	.06	.01																				.10
PEORIA LOCK AND DAM	//		.01						-															.01
PEORIA WB AIRPORT				.02			.01																	.03
PIPER CITY									.03	.09	.03	.01		.04	.02									.22
RANTOUL CHANUTE AF BASE	//		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-						-
RICHVIEW								.13	.03										.44					.60
SPRINGFIELD WB AIRPORT	//	.05	.03	.03	.05	.01																		.17
SPRINGFIELD WB CITY		.06	.06	.02	.03	.02	.01																	.20
STICKNEY W SIDE TREAT								.01																.01
URBANA EXP FARM									.10	.04	.06													.20
WASHINGTON		.02	.02																					.04
WENONA		-	-	-	-	-	-	-	-	-	-	-												
—29th—																								
BRADFORD CAA	6																			*	*	*	*	*	.17	-
FULTON DAM 13																					.05					.05
ILLINOIS CITY DAM 16		.19	.01																							.20
KEWANEE BAKER PARK																									.05	.05
LAWN RIDGE																								.07	.01	.08
MOLINE WB AIRPORT	//																						.41	.24		.65
OREGON POWER PLANT	//	-	-	-	-	-	-	-	-	-	-	-														-
PEORIA WB AIRPORT																									.01	.01
PIPER CITY										.05		.01														.06
PRINCETON 1 S	//																							.02	.04	.06
PROPHETSTOWN																					.01				.01	.02
RICHVIEW									.02	.01																.03
—30th—																										
BRADFORD CAA	6	*	*	*	*	*	.18																			
CHICAGO CAL TREAT WKS							.01	.02																		.03
CHICAGO LOYOLA UNIV							.03																			.03
CHICAGO N BRA PUMP STA						.05	.02																			.07
CHICAGO SAN DIST DISPAT									.03						.20											.23
CHICAGO SAN DIST OFF						.04			.01																	.05
CHICAGO UNIVERSITY															.43	.35										.78
CHICAGO WB AIRPORT											.03				.55											.58
CHICAGO WB CITY					.01	.06																				.07
CRETE					.03	.03			.10	.01	.01															.18
DIONA																			.16	.05						.21
DWIGHT STATE REFORM		.02	.18					.08	.01	.01																.30
EFFINGHAM CAA	//																				.02	.12				.14
EVANSTON PUMP STA											.01															.01
FAIRBURY WATER WORKS	//							.03	.05	.01						.04										.13
HOOPESTON																			.08	.05						.13
HUDSON LK BLOOMINGTON			.03																							03
HUTSONVILLE	//																			.15						.15
JOLIET WB AIRPORT	6	*	*	*	*	*	.13	*	*	*	*	*	.05								*	*	*	*	*	.18	-
KANKAKEE SEWAGE PLANT								.08	.10			.02														.20
KEWANEE BAKER PARK		.55					.20																			.75
LAWN RIDGE		.01	.01																							.02
LOCKPORT LOCK AND DAM				.04	.06	.02		.01	.01		.01				.02											.17
LOCKPORT POWER HOUSE				.04	.08	.01		.02	.01						.02											.18
LOUISVILLE																							.15	.20		.35
MOLINE WB AIRPORT	//		.10		.11																					.21
PIPER CITY																	.05	.06	.01	.10						.22
PITTSFIELD WATER WORKS																	.08									.08
PRINCETON 1 S	//	.04	.04	.05		.02	.09																			.24
PROPHETSTOWN		.40		.03																						.43
RANTOUL CHANUTE AF BASE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SKOKIE N S TREAT WKS							.02																			.02
STICKNEY W SIDE TREAT									.05				.01		.04											.10
WASHINGTON							.06	.03																		.09
WATERMAN	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WENONA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
—31st—																										
AUGUSTA HIGH SCHOOL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEARDSTOWN LAGRANGE DAM	//																.03									.03
BELLEVILLE SCOTT AF BSE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE SEWAGE PLANT																	.05	.02								.07
BRADFORD CAA	6							*	*	*	*	*	.02	*	*	*	*	*	.15							
CHICAGO CAL TREAT WKS																.17		.08	.02							.27
CHICAGO LOYOLA UNIV															.11			.10								.21
CHICAGO N BRA PUMP STA															.16			.12	.03							.31
CHICAGO SAN DIST DISPAT															.06	.02	.01	.14								.23
CHICAGO SAN DIST OFF															.03	.01		.20								.24
CHICAGO UNIVERSITY															.15	.05		.20	.01							.41
CHICAGO WB AIRPORT															.08	.01		.13								.22
CHICAGO WB CITY															.05		.02	.17								.24
CRETE																.01	.01		.04	.01						.07
DANVILLE WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOUGLAS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNS 2 NE																		.02								.02
DWIGHO STATE REFORM															.05	.04	.04									.13
EFFINGHAM CAA	//			.11																						.11
EVANSTON PUMP STA																		.06								.06
FAIRBURY WATER WORKS	//											.02			.01	.02	.04	.16								.25
FARMER CITY																		.13	.01							.14
FREEPORT SEWAGE PLANT																.02	.01	.01								.04
FULTON DAM 13																.03										.03
GREENFIELD																		.14	.01							.15
HOOPESTON																		.05	.01							.06
HUDSON LK BLOOMINGTON																		.04								.04
HUTSONVILLE	//					.02																				.02
JOLIET WB AIRPORT	6													*	*	*	*	*	.09							
KANKAKEE SEWAGE PLANT																.02	.03									.05
KEWANEE BAKER PARK													.04	.06												.10
LANARK																		.05								.05
LOCKPORT LOCK AND DAM															.18		.01	.02								.21
LOCKPORT POWER HOUSE										.01					.12		.01	.04	.01							.19
LOUISVILLE						.05	.02		.01			.01	.01							.01	.03					.14
MAROA SEWAGE PLANT																			.19	.01	.03					.23
MASON CITY																	.09									.09
MC HENRY																	.05	.04	.01							.10
MOLINE WB AIRPORT	//												.03													.03
MT CAR EL WATER WORKS			.08																							.08
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON POWER PLANT	//												-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PITTSFIELD WATER WORKS																	.19									.19
PRAIRIE DU ROCHER W WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCETON 1 S	//													.08												.08
PROPHETSTOWN													.01	.01	.01											.03

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
QUINCY CAA	6													*	*	*	*	*	.07							
QUINCY DAM 21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
RANTOUL CHANUTE AF BASE			-			-	-		-	-			-	-	-	-	-	-								-
ROCKFORD CAA	6													*	*	*	*	*	.08							
SKOKIE N S TREAT WKS															03			.05								.08
STRICKNEY W SIDE TREAT															.11		.09	.19								.39
SULLIVAN WATER WORKS									.05																	.05
URBANA EXP FARM																			.01							.01
VANDALIA					-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-
WATERMAN																	.05									.05
WENONA															.10	.04	.01									.15

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949. cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- \- No record.
- \+ And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record
- R Station equipped with recording gage only.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

Table 5

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	82	82	83	85	87	91	92	93	91	91	85	85	85	87	88	88	89	83	78	77	78	82	84	87	89	88	85	82	82	81	78	85.1
	MIN	60	58	64	60	62	65	67	68	69	70	70	65	68	66	68	67	69	65	63	53	53	52	57	61	63	65	65	64	57	60	55	62.9
ALTON DAM 26	MAX	86	84	86	88	88	90	98	94	96	95	96	88	90	94	92	90	94	92	76	78	80	84	88	90	91	96	90	88	86	90	84	89.1
	MIN	58	66	64	64	66	66	70	68	72	68	70	72	70	72	70	70	70	72	68	58	54	56	56	59	60	64	68	66	58	60	58	64.9
ANNA	MAX	84	87	88	90	87	88	90	91	92	93	93	91	91	92	90	90	93	93	85	79	80	84	86	88	89	90	89	82	84	84	82	87.9
	MIN	54	61	65	61	65	65	67	65	67	68	70	68	71	70	71	70	73	71	68	60	53	62	54	59	61	63	67	65	58	55	58	64.0
ANTIOCH	MAX	76	78	77	79	83	87	88	92	91	92	87	81	80	85	84	83	82	80	76	71	76	81	85	87	90	88	85	79	79	80	74	82.5
	MIN	57	57	57	55	57	66	69	68	69	70	69	68	63	65	67	70	68	67	63	54	52	57	56	64	64	65	67	65	54	56	51	62.3
AURORA COLLEGE	MAX	79	81	80	82	84	88	94	93	91	91	85	83	82	86	86	87	87	85	75	75	81	84	87	91	91	90	87	83	80	82	78	84.9
	MIN	53	53	60	53	55	63	67	62	61	63	68	62	66	65	62	73	67	69	55	62	48	50	64	55	62	62	61	60	47	55	50	59.8
BELLEVILLE SCOTT AF	MAX	83	79	82	86	87	89	92	91	92	92	93	85	90	92	88	90	91	91	79	80	80	83	86	88	90	88	84	84	85	87	82	86.7
	MIN	57	67	69	67	68	66	68	69	70	72	72	73	74	73	72	73	72	72	61	68	53	57	57	58	62	65	70	67	57	60	60	66.1
BLOOMINGTON NORMAL	MAX	82	82	82	83	84	89	92	93	93	92	91	86	84	86	86	88	88	88	82	76	78	82	85	89	90	90	88	82	82	85	83	85.8
	MIN	59	67	60	61	62	65	68	69	71	72	72	69	70	67	71	70	69	65	66	51	52	54	55	60	64	69	67	65	54	59	57	63.9
CAIRO WB CITY	MAX	88	90	87	90	87	89	87	90	89	93	94	95	91	90	89	90	93	93	83	80	80	82	87	86	89	91	90	83	85	84	83	88.0
	MIN	62	68	70	68	72	72	72	73	73	74	75	75	76	76	75	75	75	77	71	65	60	68	63	66	69	70	71	70	66	64	66	70.2
CARBONDALE SEWAGE PL	MAX	86	91	84	89	85	90	90	92	92	94	94	87	90	90	89	90	92	94	85	78	78	84	88	88	90	91	89	82	84	86	82	87.9
	MIN	51	61	60	62	66	67	67	68	68	68	72	70	72	75	73	71	72	71	66	64	50	67	51	55	59	59	69	65	57	54	57	64.1
CARLINVILLE 4 E	MAX	85	82	84	86	90	91	91	92	93	92	92	87	87	92	89	89	91	89	81	75	78	81	84	88	90	91	88	84	85	86	81	86.9
	MIN	52	64	60	60	60	63	65	65	65	69	68	70	69	69	70	71	68	64	67	56	52	48	50	54	56	62	62	67	50	58	62	61.8
CHARLESTON	MAX	85	80	83	85	86	90	94	95	96	95			81	87	78	87	92	86	79	68	79	83	87	89	93	90	80			76	85.5
	MIN	53	65	65	62	58	63	67	69	69	70			71	70	72	72	70	66	67	54	51	53	54	56	61	65	68			59	63.5
CHICAGO UNIVERSITY	MAX	80	76	70	76	80	89	93	91	93	92	84	80	78	82	81	82	81	80	75	70	75	76	85	83	92	91	87	76	77	80	77	81.7
	MIN	60	64	65	66	62	68	73	74	75	75	75	74	72	73	75	73	72	73	68	61	60	60	64	67	68	70	67	66	60	61	54	67.6
CHICAGO WB AIRPORT	MAX	82	80	79	80	86	89	94	95	95	94	85	84	82	88	86	86	84	86	75	73	79	82	89	90	92	91	89	80	80	80	77	84.9
	MIN	56	63	62	59	60	65	73	74	71	73	73	73	71	70	73	73	69	69	66	55	53	54	58	63	66	67	65	61	55	61	50	64.5
CHICAGO WB CITY	MAX	81	79	76	75	80	89	93	94	93	93	84	80	76	81	82	80	81	80	75	69	73	75	83	84	92	91	87	76	81	80	77	81.9
	MIN	63	68	68	68	68	70	70	77	78	76	74	74	73	73	74	74	75	74	68	62	66	66	67	73	76	74	69	67	61	65	53	69.8
CICERO	MAX	83	83	80	81	86	90	95	96	94	94	85	85	83	88	87	86	85	85	76	75	80	84	89	91	93	92	88	83	82	82	80	85.8
	MIN	56	60	60	57	57	63	71	71	71	72	73	73	72	71	73	73	70	70	68	59	54	54	56	63	65	67	68	64	54	61	54	64.5
DANVILLE	MAX	83	81	81	81	83	90	94	94	96	97	95	83	83	84	84	84	91	86	76	74	77	81	86	89	93	91	81	78	81	85	80	85.2
	MIN	50	66	64	61	55	60	65	67	67	68	69	69	70	67	70	70	68	66	66	49	50	52	50	55	61	61	64	63	56	56	55	61.6
DECATUR	MAX	85	82	85	85	87	91	93	94	93	94	93	86	85	89	86	88	90	88	77	76	80	84	81	90	91	89	84	81	84	86	81	86.4
	MIN	56	65	62	62	63	65	69	69	69	71	71	70	71	68	70	72	69	67	67	53	50	51	54	58	62	66	69	64	53	59	58	63.6
DIXON	MAX	82	82	82	83	87	90	94	93	92	92	88	84	82	87	87	87	86	84	79	76	78	81	85	90	89	88	88	83	80	82	77	85.1
	MIN	59	55	58	57	56	64	68	67	67	69	69	72	67	65	66	70	68	68	65	52	48	50	53	59	62	62	64	64	48	60	47	61.3
DU QUOIN	MAX	86	89	85	88	89	90	92	93	94	94	94	87	91	89	88	90	91	93	87	78	79	84	86	89	91	91	89	80	88	88	81	88.2
	MIN	54	65	67	63	67	68	68	68	70	70	72	70	69	72	72	72	71	70	68	61	54	58	54	56	62	65	70	66	66	66	59	65.6
EAST ST LOUIS	MAX	86	80	83	87	88	91	92	93	93	94	93	85	91	93	91	88	95	94	84	79	80	84	88	90	91	91	85	86	90	92	86	88.5
	MIN		66	66			67	69	69	71	72	71	73	72	73	72	73	73	70	69	62	54	55	57	59	61	66	71	67	63	61	60	66.5
EFFINGHAM CAA	MAX	82	78	81	84	84	89	90	93	93	92	94	87	86	88	80	83	90	88	76	75	76	80	84	87	90	89	77	80	83	83	80	84.6
	MIN	52	64	65	65	58	62	65	64	66	68	68	69	70	70	72	70	67	64	64	56	52	50	51	53	58	63	65	61	53	59	54	61.8
ELIZABETHTOWN	MAX	87	88	89	90	88	90		93	93	94	92	88	89	90	90	88	92	93	91	83	80	78	85	88	90	92	89	90	83	85	86	88.5
	MIN	56	62	64	62	66	66		66	67	68	70	68	71	71	72	73	74	71	69	63	55	63	57	60	64	63	67	65	60	60	61	65.1
FAIRFIELD	MAX						90	91	91	92	93	90	91	90	90	88	85	90	90	88	79	80	80	85	87	91	91	93	80	84	86	83	87.6
	MIN						65	69	69	69	70	76	68	69	70	70	74	72	71	68	59	55	59	58	59	61	64	69	66	59	58	59	65.6
FLORA	MAX	87	82	84	87	85	88	93	93	93	94	93	87	90	91	83	88	92	88	80	82	86	83	85	92	90	90	88	83	84	86	82	87.4
	MIN	64	68	68	69	68	67	65	70	71	71	73	71	72	71	75	74	71	70	63	57	52	56	58	58	62	62	71	67	63	60	61	66.1
FREEPORT	MAX	78	82	83	84	84	89	95	92	91	90	84	79	84	81	88	87	87	83	77	77	79	82	84	88	87	86	86	80	79	79	76	83.9
	MIN	58	53	52	53	53	65	68	61	65	69	68	68	62	61	63	64	68	67	62	48	46	47	53	56	59	60	64	60	48	55	45	58.7
FULTON DAM 13	MAX	78	79	78	82	85	88	91	92	90	90	85	80	82	86	85	86	85	82	76	74	79	82	83	87	87	85	87	77	81	79	75	83.1
	MIN	62	61	64	62	61	67	71	71	69	70	69	72	68	67	70	70	68	71	66	55	53	55	59	63	66	65	69	67	55	62	54	64.8
GALESBURG	MAX	83	83	85	85	87	90	94	94	92	92	82	86	86	88	89	89	90	83	70	75	79	82	89	89	90	88	89	81	82	83	79	85.6
	MIN	63	60	59	62	66	67	69	70	70	71	70	71	70	69	70	70	71	66	61	55	52	55	58	62	64	70	69	61	57	64	52	64.3
GALVA	MAX	83	83	84	84	88	93	95	97	93	95	85	84	82	87	87	85	88	82	80	75	78	82	87	91	91	89	89	81	81	81	78	85.7
	MIN	59	60	59	60	59	64	67	69	68	69	69	68	66	67	68	69	67	66	63	53	51	51	57	61	64	65	63	63	53	58	53	62.3
GOLCONDA DAM 51	MAX	84	86	86	88	86	88	86	90	92	91	94	88	88	88	90	88	90	92	84	76	78	76	82	84	88	90	86	80	84	84	86	86.2
	MIN	60	62	64	63	66	67	67	68	68	70	70	68	70	72	72	69	72	71	68	64	56	64	58	61	65	64	68	64	60	58	60	65.5
GREENVILLE	MAX	82	77	80	84	84	86	89	91	91	90	92	84	85	87	84	82	89	88	76	74	75	80	83	87	88	87	83	79	82	84	79	83.9
	MIN	56	64	66	65	65	67	68	68	69	71	70	69	71	72	71	74	71	69	66	58	53	55	60	60	62	65	69	66	56	61	60	65.1
GRIGGSVILLE	MAX	86	83	86	86	87	92	94	93	93	93	94	89	86	89	87	89	93	86	81	74	78	82	86	88	92	95	91	84	84	87	83	87.5
	MIN	56	60	58	59	60	64	58	67	68	68	69	66	69	64	68	63	69	65	65	53	47	52	54	59	60	62	63	62	57	59	54	61.2
HARRISBURG	MAX	88	90	89	90	89	93	91	92	95	95	97	89	91	90	92	89	94	95	87	80	81	85	87	88	92	94	89	83	84	88	86	89.5
	MIN	53	61	62	61	65	69	66	66	66	67	68	68	70	70	72	71	70	70	68	61	52	63	55	58	59	60	68	66	64	55	57	63 9
HAVANA	MAX	83	82	84	86	88	91	93	95	94	95	92	86	86	90	88	89	91	86	80	76	78	82	86	89	91	91	91	85	85	87	84	87.2
	MIN	57	64	62	63	65	65	67	68	70	71	72	71	71	68	71	71	71	69	66	55	52	55	57	60	63	65	66	67	54	63	57	64.4
HENRY	MAX	83	86	87	85	87	92	97	97	94	93	87	87	85	91	88	89	90	86	75	82	84	83	89	92	92	89	89	84	84	84	79	87.4
	MIN	61	60	59	60	59	66	71	72	68	71	71	71	70	68	68	72	69	68	65	54	51	63	55	60	63	63	66	65	53	60	53	63.4
HILLSBORO	MAX	83	78	82	84	84	88	90	91	90	91	93	86	85	89	88	85	91	88	83	75	78	81	85	88	89	89	82	82	84	87	82	85.5
	MIN	55	64	63	64	62	65	68	67	68	71	70	71	70	69	70	72	69	67	66	56	51	51	53	57	58	65	68	65	52	61	57	63.4
HOOPESTON	MAX	80	80	82	82	83	86	89	91	91	91	89	84	83	85	85	86	87	85	77	76	79	82	85	89	91	89	83	78	81	83	79	84.2
	MIN	50	64	62	58	55	58	65	68	67	68	69	69	69	67	70	69	66	66	65	50	48	53	51	55	62	64	64	62	52	57	54	61.2
JACKSONVILLE	MAX	84	84	85	86	88	91	95	95	94	93	94	88	85	90	87	90	92	87	81	75	79	83	87	90	90	89	91	85	85	88	83	87.5
	MIN	57	67	61	60	63	64	65	67	67	70	71	69	70	67	70	71	69	66	67	55	50	50	54	57	58	64	65	66	53	58	58	62.9
JOLIET WB AIRPORT	MAX	82	83	83	82	84	89	93	94	93	93	84	84	82	89	86	88	87	87	74	74	81	85	88	91	92	91	87	82	80	81	78	85.4
	MIN	52	60	57	56	54	62	69	67	66	69	71	70	64	64	69	70	66	67	57	50	48	49	52	58	61	64	64	56	51	60	50	60.4
KANKAKEE	MAX	79	81	81	81	83	85	89	90	90	89	86	84	85	86	82	85	86	85	77	73	79	82	84	85	87	86	83	80	79	81	77	83.2
	MIN	54	66	59	58	56	62	69	71	68	70	71	71	69	68	68	69	69	67	67	66	50	51	54	57	59	64	64	66	65	54	59	58	62.8
KANKAKEE 4 W	MAX	79	80	80	79	82	85	89	91	90	91	86	82	81	86	83	83	84	84	77	73	76	79	82	87	89	89	84	79	76	79	76	82.6
	MIN	52	64	57	57	54	62	69	69	67	69	71	70	68	67	68	69	64	65	65	48	50	52	52	56	61	63	64	63	52	58	55	61.3
KEWANEE	MAX	83	82	82	83	87	91	94	95	92	92	85	82	80	86	84	84	88	82	72	75	77	80	85	89	90	88	82	80	81	79	72	83.9
	MIN	54	55	54	55	62	60	66	67	62	65	64	65	65	61	62	65	65	63	62	49	45	47	59	55	56	59	62	56	50	55	53	58.6
LA HARPE	MAX	86	85	88	88	90	92	95	95	93	94	91	89	90	89	90	91	91	88	80	77	79	81	87	89	90	88	88	82	84	85	81	87.6
	MIN	59		59	60	62	63	65	67	69	67	70	68	70	66	70	67	68	63	65	54	52	55	55	59	61	64	64	62	54	60	49	62.2
LA SALLE	MAX	83	83	85	86	88	92	96	96	95	95	89	88	84	92	90	90	88	87	77	78	80	83	88	91	92	91	88	83	81	82	80	87.2
	MIN	58	60	59	59	58	66	71	71	69	72	72	72	69	67	68	73	70	70	67	54	49	52	55	60	65	65	67	65	52	62	55	63.6
LINCOLN	MAX	83	83	85	85	85	92	95	96	95	95	92	85	85	90	89	89	90	87	79	77	80	83	87	91	92	89	87	83	85	88	82	87.2
	MIN	57	65	60	61	62	64	67	68	69	71	71	70	70	68	70	71	70	67	66	52	51	53	55	60	62	66	67	64	53	59	56	63.4
MALEDNGO	MAX	79	82	82	84	86	89	94	94	93	92	86	81	88	90	89	89	87	86	79	79	81	84	88	91	91	90	89	82	80	82	78	86.0
	MIN	56	54	56	52	55	64	69	67	68	69	68	69	63	61	62	66	64	67	61	50	46	48	51	57	60	63	64	64	49	55	49	59.6
MATTOON	MAX	82	76	81	82	84	88	90	91	92	92	92	87	85	87	79	84	87	84	71	74	76	80	82	87	90	88	79	78	82	84	79	83.6
	MIN	52	55	65	62	65	63	68	69	69	70	72	70	71	68	72	72	69	65	63	54	51	54	52	55	60	64	67	64	55	58	54	62.8
MC LEANSBORO	MAX	89	91	88	89	88	90	92	93	92	92	95	90	92	89	91	87	93	95	88	81	80	86	87	90	91	91	88	82	87	88	84	89.0
	MIN	57	66	67	65	67	66	67	68	69	70	72	70	72	73	72	74	73	71	68	59	55	55	58	60	62	64	70	66	61	58	60	65.6
MINONK	MAX	80	83	83	83	85	88	92	93	90	90	83	85	81	88	83	88	87	81	78	75	80	81	86	90	92	88	87	80	81	83	80	84.6
	MIN	54	60	60	60	58	57	65	67	66	68	70	69	68	65	68	71	68	65	65	51	50	52	51	57	62	63	64	63	51	57	53	61.2
MOLINE WB AIRPORT	MAX	79	80	81	83	87	90	92	93	92	92	87	82	83	85	86	85	87	80	73	74	77	80	84	89	90	89	86	80	81	80	77	84.0
	MIN	62	59	59	58	63	68	70	68	72	71	71	71	68	66	69	68	71	68	60	54	50	52	55	60	62	65	66	58	58	55	62	63.0
MONMOUTH	MAX	83	83	84	84	87	92	94	95	93	92	82	85	81	89	90	88	89	83	77	76	78	82	85	87	89	89	89	82	83	83	80	85.6
	MIN	57	56	58	60	50	64	66	65	67	67	68	69	68	65	68	67	68	64	62	53	50	50	50	58	60	65	65	55	52	60	49	60.8
MORRIS 3 NE	MAX	81	82	82	82	84	88	92	93	92	91	90	85	82	86	83	85	86	83	78	74	79	82	85	87	90	89	87	82	80	81	78	84.5
	MIN	54	59	58	56	55	63	70	69	66	70	71	71	69	65	65	70	66	67	69	50	47	51	52	57	61	64	65	62	51	60	53	61.5
MORRISON	MAX	81	83	83	85	88	91	94	95	93	94	86	83	85	89	89	89	89	84	85	78	80	83	86	90	90	90	89	81	81	81	78	86.2
	MIN	57	54	56	56	55	60	62	65	65	68	67	70	65	61	65	66	65	65	63	50	50	46	52	57	60	61	61	60	47	57	45	59.1
MORRISONVILLE 1 E	MAX	84	77	81	85	85	90	92	92	93	94	94	87	84	90	87	88	92	88	77	75	79	82	85	90	91	91	83	82	85	88	84	86.3
	MIN	50	60	58	58	55	59	60	61	61	63	64	65	64	63	66	67	62	60	64	60	58	48	48	52	54	60	64	58	50	55	54	58.7

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MT CARMEL	MAX	85	89	89	90	90	92	92	95	97	96	95	92	91	92	93	92	92	93	90	89	89	85	88	89	92	92	89	80	85	85	80	89.9
	MIN	56	65	65	65	68	69	70	71	70	74	69	69	71	71	72	72	70	70	59	55	55	58	60	62	65	69	68	60	60	60	65.6
MOUNT CARROLL	MAX	78	81	83	84	86	90	93	93	90	92	84	80	83	88	88	87	86	82	78	77	80	81	84	88	87	86	84	79	80	78	75	84.0
	MIN	59	55	55	56	56	66	71	69	65	71	69	71	66	63	65	67	67	68	64	50	48	49	54	58	60	61	64	63	50	60	46	60.8
MT VERNON	MAX	90	87	84	88	88	93	95	97	96	97	98	90	92	92	91	88	92	93	82	81	83	88	90	92	96	96	89	85	86	90	82	90.0
	MIN	51	60	60	60	62	62	62	65	64	65	66	65	66	68	69	70	68	66	63	54	50	54	51	52	58	59	66	60	54	55	55	60.6
NEW BERNSTDT	MAX	85	87	85	85	88	89	87	91	92	93	95	91	90	89	88	88	90	92	83	78	78	82	85	85	90	92	86	83	83	87	86	87.2
	MIN	51	61	61	60	64	66	67	68	68	68	70	67	70	69	71	70	71	69	66	61	47	62	53	57	60	64	68	66	57	59	58	63.5
NEWTON	MAX	86	84	86	87	89	91	94	98	96	96	95	95	87	90	88	90	92	84	83	84	85	86	83	88	92	91	86	83	85	87	80	88.4
	MIN	59	66	64	64	65		72	73	72	72	73	73	73	69	71	73	70	69	69	60	57	45	50	62	57	61	63	58	57	60	54	64.4
OTTAWA	MAX	82	84	83	81	84	90	95	94	93	93	83	86	82	88	86	87	88	90	76	79	80	83	86	89	91	89	85	84	82	80	76	85.1
	MIN	57	59	60	59	58	65	70	71	69	72	72	72	69	67	68	71	70	70	67	54	50	54	57	62	66	66	67	64	53	62	56	63.8
PALESTINE	MAX	86	84	85	85	87	91	94	95	95	97	94	91	89	93	83	86	92	92	84	80	79	84	84	90	94	93	83	80	83	88	81	87.8
	MIN	62	65	66	65	61	64	67	67	75	67	72	70	70	72	72	72	70	65	65	56	52	52	53	54	58	64	62	65	57	57	59	63.7
PANA	MAX	89	79	86	87	90	94	97	95	96	97	99	91	86	94	89	93	96	91	80	77	80	84	86	92	95	95	97	93	89	91	85	90.1
	MIN	53	62	64	61	59	63	65	66	66	68	69	68	70	66	70	72	68	65	66	53	49	52	55	57	60	63	66	62	53	58	57	62.1
PEORIA WB AIRPORT	MAX	82	82	84	84	84	89	92	93	92	92	83	86	86	89	86	90	89	84	72	76	79	83	86	89	90	89	88	83	83	84	81	85.5
	MIN	59	62	61	63	63	65	67	69	69	72	70	69	71	69	73	70	70	65	60	54	52	55	57	62	65	66	66	60	54	62	50	63.5
PONTIAC	MAX	78	80	81	80	81	84	88	89	88	88	83	84	81	85	80	83	85	81	78	73	75	78	81	85	86	86	83	80	78	80	75	81.8
	MIN	55	65	60	61	59	63	67	69	69	71	71	70	70	67	67	69	69	68	66	51	51	55	55	60	65	65	66	65	54	59	57	63.2
QUINCY	MAX	90	83	85	88	95	95	97	96	95	93	97	92	85	88	87	89	93	85	78	79	82	83	90	89	93	95	90	82	83	86	82	88.5
	MIN	62	62	59	62	64	69	70	72	72	74	72	68	72	69	72	70	72	68	69	56	52	53	57	62	63	67	68	56	58	63	56	64.8
QUINCY CAA	MAX	84	82	85	85	87	89	91	91	90	90	92	85	84	89	87	90	91	86	73	77	82	88	92	89	90	90	88	82	80	85	81	86.3
	MIN	58	60	59	62	62	65	67	67	66	70	65	67	70	66	69	68	66	64	63	54	48	52	55	60	63	64	63	60	53	58	47	61.6
RANTOUL SANITY AI	MAX	82	80	82	87	82	87	90	92	92	93	89	81	85	85	86	86	87	84	79	75	78	82	86	89	92	89	83	78	82	83	79	84.7
	MIN	56	66	64	64	63	64	68	71	69	72	71	71	70	69	72	71	70	68	60	53	53	57	60	54	71	66	68	61	58	62	52	64.3
ROBERTS 3 N	MAX	79	80	80	80	84	87	90	94	91	90	85	83	81	85	83	84	85	81	76	73	76	80	84	89	91	89	85	81	80	83	78	83.5
	MIN	52	66	59	58	57	60	66	68	68	69	70	69	70	66	68	68	66	64	64	49	49	52	53	60	63	65	66	65	54	56	55	61.8
ROCKFORD	MAX	79	81	81	83	87	91	95	95	94	93	88	82	85	88	89	87	88	84	78	79	84	84	88	92	93	90	90	82	82	83	80	86.3
	MIN	57	55	56	55	56	65	70	69	69	70	69	69	63	63	66	63	69	68	63	51	49	50	53	60	63	64	65	64	49	60	48	61.0
ROCKFORD CAA	MAX	79	81	80	82	86	90	95	96	94	94	83	79	84	88	87	86	86	82	75	76	79	82	86	91	89	90	89	81	81	80	79	84.8
	MIN	57	53	56	53	56	65	70	68	67	70	69	65	62	63	66	66	67	65	54	51	49	50	54	58	62	63	65	52	47	56	45	59.5
RUSHVILLE	MAX	83	84	86	81	88	91	94	95	92	94	94	88	87	90	87	90	92	86	81	76	79	83	86	89	90	89	90	83	84	85	86	87.2
	MIN	58	63	64	63	65	65	66	66	68	69	72	69	70	66	68	70	69	65	66	55	52	55	55	59	61	65	66	65	54	62	53	63.4
SPARTA	MAX	84	82	84	87	88	90	91	92	93	94	93	86	91	91	87	88	91	93	85	79	79	84	85	88	90	89	90	81	85	85	79	87.2
	MIN	55	64	64	65	66	65	64	67	67	69	68	68	70	72	71	71	70	70	67	59	52	55	55	56	60	63	62	63	58	58	59	63.6
SPRINGFIELD WB AIRPORT	MAX	82	81	84	85	85	85	91	91	92	91	91	84	84	89	87	87	88	84	73	75	77	80	84	87	88	87	84	81	82	84	79	84.6
	MIN	58	65	62	61	64	65	69	68	68	71	71	69	70	67	72	72	68	66	63	55	51	53	56	60	63	67	68	58	53	60	50	63.3
SPRINGFIELD WB CITY	MAX	84	83	84	85	85	91	93	94	94	95	93	86	84	90	89	88	92	86	74	77	79	82	84	89	91	90	87	83	85	86	82	86.6
	MIN	61	68	65	64	65	67	71	72	73	74	74	70	71	69	73	73	73	71	65	56	54	50	63	66	68	69	69	67	60	65	58	66.9
STOCKTON	MAX	78	77	78	81	85	89	92	92	90	90	86	80	81	85	85	87	85	82	75	78	78	84	88	87	86	86	80	76	79	78	74	83.0
	MIN	58	53	54	52	59	65	68	69	70	71	67	67	64	59	62	61	65	65	52	48	45	48	60	65	64	64	64	61	51	57	48	59.9
SYCAMORE	MAX	80	82	81	83	86	89	92	93	92	92	84	83	83	89	86	86	87	84	75	79	76	82	87	90	91	88	88	81	79	80	75	84.6
	MIN	55	54	56	54	55	63	69	67	67	69	69	69	65	63	65	68	67	65	63	58	48	49	53	59	62	63	64	62	49	56	48	60.5
TABLE GROVE	MAX	81	83	86	84	88	91	95	94	93	95	96	87	88	90	88	90	90	84	78	76	79	82	87	90	90	89	89	83	84	85	83	87 0
	MIN	59	60	60	63	64	66	69	70	72	72	72	68	69	67	70	69	72	66	65	54	52	61	60	64	68	67	68	66	57	63	57	64.8
TUSCOLA	MAX	82	80	82	84	84	88	92	93	94	93	91	88	84	86	84	85	90	85	80	72	78	83	87	90	90	84	82	80	85	87	82	85.3
	MIN	52	65	66	62	58	66	66	68	69	70	70	70	72	70	72	72	70	66	68	54	52	55	52	57	62	60	64	62	54	57	57	63.2
URBANA	MAX	82	80	83	82	83	88	91	94	93	93	92	83	83	85	84	86	86	84	72	74	77	83	86	88	90	89	82	79	83	86	81	84.6
	MIN	56	66	64	61	60	63	68	70	70	72	73	70	72	69	72	71	69	68	68	53	52	53	55	59	64	65	67	65	56	58	58	64.1
VIRDEN	MAX	83	83	83	86	86	90	92	92	93	92	91	85	84	87	88	88	91	88	77	77	79	82	85	89	89	89	86	83	83	86	81	86.1
	MIN	55	63	59	61	60	64	65	66	66	68	68	67	69	66	68	69	67	64	65	52	50	52	55	56	60	63	65	63	52	57	55	61.6
WALNUT	MAX	84	83	82	85	89	92	95	96	94	95	86	84	81	85	86	86	85	88	76	76	78	82	85	89	90	90	80	80	79	80	77	85.1
	MIN	60	58	59	58	61	67	69	70	70	73	67	71	61	65	66	69	69	67	65	53	50	54	56	62	65	66	67	64	53	61	52	62.8
WATSEKA	MAX	80	81	83	81	83	86	91	92	92	91	86	83	82	87	82	84	86	84	77	75	78	81	83	88	90	88	81	76	79	82	79	83.6
	MIN	50	66	58	59	54	59	66	68	66	69	70	70	69	74	68	68	65	66	64	50	51	51	52	56	62	63	60	64	53	57	56	61.6
WAUKEGAN	MAX	76	80	75	77	81	89	90	95	93	92	83	78	78	84	82	81	80	79	73	70	77	79	89	89	93	91	87	78	78	81	75	82.4
	MIN	67	54	56	53	56	63	68	68	69	70	68	68	66	63	69	72	68	67	64	57	50	50	56	63	63	64	65	64	51	56	51	61.9
WHITE HALL 1 E	MAX	82	82	84	85	88	90	94	94	93	92	93	87	87	89	87	89	91	90	85	75	84	82	88	89	90	90	88	87	84	86	86	87.6
	MIN	57	67	62	61	62	64	65	67	66	69	70	69	70	69	71	71	68	67	69	57	54	52	54	57	58	59	64	65	52	57	57	62.9
WINDSOR	MAX	84	80	83	85	85	90	91	93	93	93	94	88	87	88	82	86	90	90	75	75		81	85	89	91	89	82	80	85	86	81	86.0
	MIN	51	63	65	60	58	63	68	68	68	69	70	68	71		68	71	68	65	67	53	48		52	55	60	64	66	62	53	59	58	62.4

EVAPORATION AND WIND

Table 6

Station		Day of month																													Total or ave.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CARBONDALE SEWAGE PL	EVAP	.26	.28	.30	.22	.22	.11	.27	.16	.26	.28	.21	.23	.10	.25	.13	.15	.19	.15	.26	.14	.25	.19	.22	.17	.22	.17	.27	.22	.99	.23	.13	7.23
	WIND	36	36	38	28	14	14	35	11	22	38	40	24	35	7	14	24	16	21	79	50	45	28	21	26	20	42	31	27	20	30		912
SPRINGFIELD WB AIRPORT	EVAP	.28	.24	.24	.21	.24	.26	.24	.29	.31	.28	.29	.23	.12	.11	.18	.20	.17	.21	.27	.10	.27	.19	.25	.19	.19	.27	.27		.28	.21	.26	7.08B
	WIND	42	97	113	20	14	35	44	37	49	46	70	80	53	43	48	52	29	30	82	68	84	37	37	33	26	45	60	79	69	45	67	1634
URBANA WATER WORKS	EVAP	.20	.17	.16	.24	.22	.20	.24	.25	.27	.24	.14	.07	.10	.12	.12	.12	.23	.10	.10	.17	.20	.20	.20	.20	.19	.29	.08	.09	.16	.19	.20	5.46
	WIND	28	39	21	20	10	26	18	34	15	36	41	20	23	30	23	23	22	15	19	37	27	6	*	*	55	33	23	16	9	37	26	732

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARRY	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	MATTHEW W DART	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA	0873	BUREAU	1	41 13	89 37	795		MID	CAA	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD E HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOLTING	2 3 5
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 4 W	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN ISL	1420	GRUNDY	1	41 25	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	3
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PL	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36			7A	BEN BURT	3
DANVILLE WATER WORKS	2150	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	3 4
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	FRANK E GORHAM	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	CAA	2 3 4 5
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 26	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 32	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	41 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	A C MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHROEDER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT [illegible]	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 [illegible]	3301	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD [illegible] BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 40	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 02	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER [illegible] N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 51	89 24	583	7P	7P	DEANE J MC ALISTER	2 3 5
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5
HARRISBURG 4 E	3884	SALINE	5	37 44	88 28			6A	GEORGE H DAVIS	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L L EUTENFUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	IRVING R STROH	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 41	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	5P	5P	JOSEPH A ARNOLD	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56		6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	MR BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
LEROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSFL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	CHARLES H GRADY	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	7	39 23	87 43	606		6P	E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	HARRY L AGNEW	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	4	40 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	PIATT	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 29	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	658	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 33	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	6	42 01	89 20	702		6P	LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6731	LA SALLE	1	41 21	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		1P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	[illegible]	PIKE	4	39 27	90 50	540		[illegible]	[illegible] GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	MRS WALDO W GODEIR	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MISS [illegible] W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7013	WHITESIDE	6	41 39	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA	7072	ADAMS	4	39 56	91 13		MID	MID	CAA	3 4 5
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 [illegible]	91 25			7A	[illegible] BRINKLETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 20	88 10	744	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7167	RANDOLPH	2	38 [illegible]	[illegible]	[illegible]		[illegible]	[illegible] SAUPNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7541	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3
STE MARIE MISSION HSE	7603	JASPER	7	38 56	88 01			7A	[illegible]	3
SALEM	7636	MARION	2	38 37	88 57	544		[illegible]	[illegible] BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	1	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	[illegible]	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 19	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8290	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5
STREATOR	[illegible]	LA SALLE	1	41 07	88 50	625		7P	H W PRAECKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 2 E	8604	BUREAU	1	41 18	89 30	512		6P	BERT L HAND	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674	6P	6P	F M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 23	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 45	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	98 35			7A	ROBERT W SANDERS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	89 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5

‡ - DRAINAGE CODE 1 Illinois, 2 Kaskaskia, 3 Lake Michigan, 4 Mississippi, 5 Ohio 6 Rock, 7 Wabash

See reference notes following Table 4.

GPO CH F50 10-6 49 1,200

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

SEPTEMBER 1949

Volume LIV No. 9



CHICAGO: 1949

ILLINOIS - SEPTEMBER 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

This month was the second coldest September in 60 years of State-wide records. Only in 1918 have September temperatures averaged lower than this year. Precipitation totals ranged from much below normal in the northern division to above average for the month over most of the extreme south. No severe storms were reported in September.

The month began with some of the lowest temperatures ever recorded on September 1 in Illinois, readings in the lower 40's being common throughout the north and central portions. Temperatures rose rapidly after the 1st, and most stations recorded their highest readings of the month on the 3d or 4th, when afternoon temperatures often reached the upper 80's. After the 4th temperatures dropped below normal and remained cool throughout most of the remainder of the month, rising to near or above normal only on the 12th, 17th, 18th, 26th, and 27th.

The first precipitation of consequence occurred on the 4th, and in the extreme south also on the 5th, amounts ranging from light to over an inch. Showers also fell on the 6th and 7th, but amounts were quite light in general. On the 11-13th most of the month's heaviest rainfall occurred, and many stations, particularly in the south, recorded several inches of rain in this period.

Temperatures fell to the upper 30's in the extreme north and to the lower 40's elsewhere on the morning of the 14th. Showers occurred in the central and southern portions on the 14-15th and generally on the 17-18th.

The remainder of September was dry, with only a few scattered, light showers. Morning temperatures in the 30's and lower 40's occurred again from the 23d through the 25th, a few northern stations recording freezing temperatures on the 24th. The lowest readings of the month were recorded on the 29th and 30th, temperatures dropping below freezing in many northern localities on both mornings and at a few southern stations on the 30th.

Although much of the State was subjected to killing frost in September, crops generally were already safe from frost and very little damage resulted. Corn picking was just beginning at the end of the month, but over half of the soybean crop had been harvested. The fall apple crop was above average, and picking was well along at the end of September.

TEMPERATURE

The mean temperature for the State was 61.6°, which is 6.1° below normal for the month. The monthly mean temperatures ranged from 67.4° at Cairo to 56.7° at Freeport. The highest temperature recorded in the State was 95° at Mt.Vernon on the 3d, and the lowest 26° at Freeport and Stockton on the 29th.

PRECIPITATION

The average precipitation for the State was 2.76 inches, which is 0.88 inch below normal for September. The total amounts recorded at various stations ranged from 0.18 inch at Kewanee to 7.52 inches at Chester. The heaviest rainfall reported in any one day was 6.00 inches at Chester on the 13th.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal Agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m p h				Relative humidity averages—percent				Sunshine	Degree days 65 base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1 30 a E S T	7 30 a E S T	1 30 p E S T	7 30 p. E S T	Percent of possible	
CAIRO	30.37	30	29.87	22	7.1	24	W	17	-	-	-	-	78	53
CHICAGO AIRPORT	30.34	30	29.78	4	9.2	36	N	22	76	83	46	56	65	160
JOLIET AIRPORT	30.32	30	29.80	4	9.4	-	-	-	85	89	48	64	-	214
MOLINE AIRPORT	30.34	30	29.76	4	7.1	28	SW	4	80	85	53	59	64	204
PEORIA AIRPORT	30.36	30	29.79	4	10.0	32	NW	19	78	86	49	54	67	168
SPRINGFIELD AIRPORT	30.36	30	29.83	4	9.1	34	NW	19	81	89	53	60	74	155

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more
1890	62.2	96	28	2.58	0.0	8	1912	68.3	103	27	2.83	0.0	8	1934	65.3	95	35	6.65	0.0	14
1891	69.6	100	40	1.02	0.0	3	1913	67.3	109	29	2.93	0.0	8	1935	67.1	98	30	3.28	0.0	7
1892	65.4	95	36	1.94	0.0	5	1914	66.8	95	34	3.77	0.0	8	1936	71.2	102	37	6.77	0.0	11
1893	68.2	102	27	3.09	0.0	7	1915	68.8	97	34	4.20	0.0	10	1937	66.5	99	28	2.31	0.0	5
1894	67.8	102	30	5.19	0.0	9	1916	65.3	98	26	2.88	T	6	1938	69.0	102	35	3.11	0.0	7
1895	70.5	102	24	3.10	0.0	5	1917	65.1	96	30	2.60	0.0	6	1939	72.4	106	31	0.74	0.0	3
1896	63.7	100	27	5.49	0.0	12	1918	60.1	87	29	3.76	T	7	1940	66.6	102	29	0.65	0.0	3
1897	71.8	103	27	0.93	0.0	2	1919	70.1	102	33	3.59	0.0	7	1941	70.3	98	34	5.00	0.0	10
1898	69.8	102	33	4.79	0.0	9	1920	69.7	95	34	2.70	0.0	7	1942	65.7	98	22	3.06	0.2	8
1899	65.7	106	14	2.05	0.0	6	1921	71.7	98	40	6.62	0.0	14	1943	63.6	103	30	2.41	0.0	7
1900	69.5	102	30	3.53	0.0	8	1922	70.5	103	33	1.93	0.0	5	1944	68.0	97	36	3.00	0.0	8
1901	66.9	100	28	1.90	0.0	5	1923	66.8	95	28	4.90	T	10	1945	67.3	101	32	7.69	T	14
1902	63.0	94	29	4.12	0.0	10	1924	62.0	95	30	3.12	T	9	1946	66.9	96	32	2.07	0.0	5
1903	66.2	99	26	3.65	0.0	8	1925	73.5	109	40	4.99	0.0	11	1947	68.2	102	28	3.53	0.0	6
1904	67.3	99	32	5.04	0.0	8	1926	68.0	97	25	9.68	0.0	16	1948	68.8	98	37	2.84	0.0	7
1905	68.5	97	39	3.06	0.0	7	1927	71.1	102	32	5.12	T	9	1949	61.6	97	26	2.76	0.0	9
1906	70.9	98	38	5.02	0.0	7	1928	63.1	98	22	2.23	T	6							
1907	65.9	100	28	2.49	0.0	7	1929	66.2	96	30	2.85	0.0	8	PERIOD	67.6	109	14	3.64	T	
1908	70.6	100	26	1.29	0.0	3	1930	69.7	100	30	3.59	0.0	7							
1909	65.3	100	28	3.80	0.0	7	1931	73.2	103	36	4.80	0.0	8							
1910	67.1	95	33	4.62	0.0	10	1932	66.0	97	28	3.03	0.0	7							
1911	70.0	99	36	9.03	0.0	14	1933	73.5	103	36	3.75	0.0	9							

EVAPORATION AND WIND

Table 6

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
CARBONDALE SEWAGE PL	EVAP	.25	.18	.23	.20	.20	.19	.21	.14	.20	.15	.19		.12	.13	.11	.02	.03	.17	.05	.24	.23	.07	.22	.18	.23	.12	.05	.16	.28	.04		4.75B
	WIND	50	20	30	50	86	34	33	52	45	20	43	123	94	40	46	21	28	80	30	29	16	40	42	42	16	23	41	46	50	43		1313
SPRINGFIELD WB AIRPORT	EVAP	.34	.19	.32	.32	.17	.07	.17	.22	.17	.26	.29	.08		.31	.06	.13	.09	.03	.19	.32	.25	.15	.17	.28	.15	.22	.21	.24	.17	.14		5.91B
	WIND	103	56	97	111	108	66	48	132	68	26	94	134	125	100	40	22	72	148	52	82	102	67	113	92	28	67	85	65	160	60		2523
URBANA WATER WORKS	EVAP	.20	.15	.18	.18	.14	.12	.14	.18	.36	.10	.15	.05	.09	.17	.06	.12	.15	.09	.20	.11	.08	.18	.16	.08	.13	.16	.15	.16	.01	.10		4.15
	WIND	39	25	21	45	37	37	19	38	38	3	26	49	44	22	13	46	47	52	50	45	23	31	25	25	15	35	21	30	*	46		947

See reference notes following Station Index.

CLIMATOLOGICAL DATA

[illegible]	Temperature						No of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Max depth on ground	Date	01 or more	25 or more	1.00 or more
NORTHERN DIVISION																		
[illegible]	60.6	-5.4	85	4	33	29			2.12	-2.19	1.43	12				5	2	1
[illegible]	58.9	-4.9	82	3	32	29		1	2.54	-1.49	1.11	4				6	2	2
[illegible]	58.0	-5.9	84	3	29	29+		3	3.24	- .80	1.10	12				10	3	2
[illegible]	60.8		84	3	36	24			.93	-2.40	.51	4				6	1	
[illegible]	61.5	-3.7	83	3	43	24			1.18	-1.96	.38	18				10	2	
CHICAGO WB AIRPORT	60.4	-4.5	85	3	38	30			1.24	-1.96	.32	4				9	3	
[illegible]	62.1	-4.2	84	3	44	29			2.08	-1.12	.67	18				9	3	
[illegible]	61.0	-4.7	85	3+	37	29+			2.65	- .98	1.21	4				7	2	2
[illegible]	59.0	-5.7	82	2	28	29		2	1.39	-2.69	1.22	12				3	1	1
[illegible]	56.7	-6.5	79	17	26	29		3	2.19	-1.94	1.56	12				10	1	1
[illegible]	59.9	-4.9	78	18	35	29+			2.62	-1.40	1.53	12				8	2	1
GALESBURG	60.5		85	3	33	29			1.46	-2.57	1.31	12				6	1	1
[illegible]	60.3	-5.6	84	4	32	29		1	1.43	-2.47	1.07	12				4	1	1
HENRY	61.0	-5.6	86	3	29	29		2	1.48	-2.50	.72	12	T			5	2	
[illegible]	58.4	-5.4	84	3	31	24+		3	.81	-2.96	.37	12				5	2	
KANKAKEE	60.2	-5.8	83	4	34	30			1.76	-1.41	1.08	13				9	2	1
KANKAKEE 4 W	59.1		83	4	33	30			1.98	-1.30	.70	18				9	3	
[illegible]	57.1	-8.4	79	2	33	24			.18	-3.71	.10	11				2		
LA SALLE	60.5	-6.3	87	3	31	29		2	1.33	-2.67	.77	12				8	1	
[illegible]	58.7	-4.9	82	4	28	29		2	2.38	-1.65	.85	13				10	3	
MINONK	59.8	-6.6	85	3	30	29		2	1.02	-2.64	.45	12				4	2	
[illegible]	59.0	-4.9	82	4	30	29		2	1.96	-1.62	1.17	12				6	3	1
[illegible]	60.1	-6.2	85	3+	33	29+			2.10	-2.23	1.91	12				5	1	1
MORRIS 3 NE	60.0	-5.7	83	3+	31	29		1	.56	-3.30	.44	13				5	1	
[illegible]	57.8	-7.3	83	4	27	29		3	.43	-3.60	.18	11				6		
[illegible]	58.1	-5.4	79	4	27	29		3	2.74	-1.56	2.13	12				8	1	1
OTTAWA	60.7	-5.5	84	3	32	29		1	1.63	-2.21	.92	4				5	2	
PONTIAC	59.6	-7.9	80	3+	32	29		1	1.52	-2.10	.60	4				7	3	
[illegible]	59.4	-5.0	81	18	28	29		1	2.25	-1.79	1.65	12				8	1	1
[illegible]	57.3	-5.3	80	3+	28	29		3	1.73	-2.34	1.32	12				7	2	1
STOCKTON	57.7		78	18	26	29		1	1.36	-2.81	.97	12				8	1	
[illegible]	57.9	-5.7	82	3	28	29		1	2.11	-1.94	1.64	12				6	1	1
WALNUT	59.4	-6.3	81	4	29	29		1	1.57	-2.83	1.31	12				3	1	1
WAUKEGAN	59.0	-5.1	85	4	31	29		1	1.50	-2.25	.83	4				8	2	
DIVISION	59.4	-5.6							1.69	-2.03								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	62.1	-5.2	85	3	33	29			1.96	-2.03	.87	12				9	2	
CARLINVILLE 4 E	61.9M	-7.1	88	3+	28	30		1	3.37	- .39	1.85	12				6	3	1
CHARLESTON	63.0	-5.5	86	3+	34	30			4.13	.46	1.41	4				6	3	2
DANVILLE	61.6	-4.2	87	4	30	30		1	1.20	-2.20	.54	12				7	2	
EFFINGHAM CAA	61.0	-6.3	87	4	31	30		1	3.24	- .15	1.96	12				8	2	1
GRIGGSVILLE	62.2	-6.4	86	3	32	29		1	3.27	-1.49	1.54	11				6	3	1
HAVANA	62.0	-6.0	89	3	32	30		1	2.54	-1.47	1.21	12				6	3	1
[illegible]	62.1	-7.0	87	4	33	30			2.89	- .73	1.17	12				8	3	1
HOOPESTON	60.7	-6.0	86	3	30	30		1	1.45	-2.11	.38	5				7	3	
JACKSONVILLE	62.3	-5.6	86	3	31	30		1	2.75	-1.43	1.43	12				7	3	1
LA HARPE	60.6	-6.3	86	3	34	29			2.00	-2.28	1.14	12	T			8	2	1
LINCOLN	61.6	-5.7	86	3	33	29			2.61	-1.53	1.08	12				7	4	1
MATTOON	61.1		85	4	33	30			3.03	- .72	1.05	12				7	4	1
[illegible]	61.8	-6.2	89	4	31	30		1	2.20	-1.21	1.43	12				4	3	1
PALESTINE	62.6	-7.2	89	4	32	30	3	1	2.92	- .57	.90	17				M	4	
PANA	62.7	-6.0	92	4	33	30	2		2.67	- .89	2.03	12				5	2	1
PARIS WATER WORKS	62.6M	-5.4	85	3	36	30			2.65	-1.00	1.43	18				5	2	1
PEORIA WB AIRPORT	60.4	-5.5	87	3	32	29		1	1.62	-2.41	.65	12				5	2	
QUINCY	63.3	-6.0	87	3	35	29			4.85	.30	2.06	11				8	4	2
QUINCY CAA	60.0		85	3	33	29			4.61	.05	1.89	11				7	5	2
RANTOUL CHANUTE AF	61.7		87	4	38	29			1.07	-2.48	.61	12				5	2	
[illegible]	59.9	-6.4	85	4	35	29+			1.24	-2.28	.54	12				5	3	
[illegible]	61.4	-6.5	86	3	34	29			3.13	-1.14	1.37	12				5	4	1
SPRINGFIELD WB AIRPORT	61.0	-3.8	85	4	35	30			2.21	-1.43	1.58	12				7	2	1
SPRINGFIELD WB CITY	63.6	-4.0	87	3	38	29			2.60	-1.04	1.87	12				8	2	1
TABLE GROVE	61.7	-6.0	86	4	34	29			2.39	-1.67	.98	12				8	3	
TUSCOLA	62.7M		86	4	34	30			2.19	-1.49	.97	12				5	3	
URBANA	62.5	-4.1	86	4	34	30			1.67	-1.68	.60	4				M	2	
VIOLA	61.2		86	3	34	29			2.88	- .89	1.51	12				5	3	1
WATSEKA	59.7		83	3+	33	30			2.17	-1.47	.84	4				6	2	
WHITE HALL 1 E	62.6	-6.0	87	3	32	30		1	3.96	- .22	1.76	12				8	4	1
WINCHESTER	62.1M	-5.9	87	4	35	29+			4.42	.59	1.46	12				5	3	3
DIVISION	61.7	-5.8							2.68	-1.02								
SOUTHERN DIVISION																		
ALTON DAM 26	64.0		87	3+	37	30			3.12	- .56	1.38	13				9	4	1
ANNA	64.4	-7.3	88	3	35	30			2.64	-1.25	1.22	13				5	4	1
BELLEVILLE SCOTT AF	64.0M		86	1+	36	30			5.58	1.91	2.76	11	T			8	4	2
CAIRO WB CITY	67.4	-5.1	89	17	42	30			1.64	-1.25	.84	13				6	3	
CARBONDALE SEWAGE PL	63.9	-7.5	89	3+	31	30		1	4.19	.42	2.80	13				7	3	1
CARLYLE	62.9M	-6.8	88	4	33	30			4.60	1.20	1.96	12				7	5	1
DE QUOIN	64.3	-6.7	90	3	35	30	1		6.09	2.64	3.16	13				4	4	3
EAST ST LOUIS	64.8	-6.4	90	4	36	30	1		5.11	1.61	3.26	12				8	4	2
FLORA	66.0		90	4	34	30	1		3.87	.41	1.61	5				5	4	1
FAIRFIELD	64.2	-6.7	89	3	35	30			5.53	2.01	2.10	12				5	4	3
GOLCONDA DAM 51	64.1	-7.0	87	3+	36	30			2.86	- .70	1.27	6				7	4	1
GREENVILLE	62.3	-7.5	86	4	38	30			3.30	- .20	1.66	12				5	5	1
HARRISBURG	64.4	-7.6	92	4	30	30	2	1	3.49	.09	1.40	12				6	4	1
MC LEANSBORO	64.9	-6.1	89	3	36	30			7.07	3.47	3.00	12				6	4	3
[illegible]	64.6	-5.9	88	3	36	30			3.18	- .27	1.32	12				7	4	1
[illegible]	63.1	-7.4	95	3	30	30	2	1	5.36	1.85	2.08	12				6	3	2
SPARTA	63.5	-7.4	89	3	33	30			3.67	.11	1.47	12				6	4	1
[illegible]	64.2	-6.8	89	4	33	30			6.58	3.21	2.14	13				5	5	3
DIVISION	64.3	-6.7							4.33	.90								
STATE	61.6	-6.1							2.76	- .88								

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION				.38	.52							1.23	.49		.92			1.87				.07										5.48
ALEDO				.08		.09	T				.45	1.43					T	.07			T										2.12
ALEXIS WATER WORKS R				-	-	-	-	-	-	-	-	-						.05			-										-
ALTON DAM 26					.48		.03	.02				.68	1.38		.22	.01		.27				.03										3.12
ANNA												.30	1.22		.65		.19	.28													2.64
ANNAWAN					T	.05					.27	1.10						.15													1.57
ANTIOCH				1.11		.10	.06				.14	1.05						T				.08	T								2.54
AUGUSTA HIGH SCHOOL R						.04	.06				*	1.83					.38	.30													2.61
AURORA COLLEGE				1.01	.08	.02	.01				.08	1.10						.85				.07	.01					.01			3.24
BARRY				.01		.02	.05				.52	.50	1.25	.10	T		.02	.78			T										3.25
BEARDSTOWN LGRNG DAM R//				.03			.03			.02	.35	1.65		.05				.23													2.36
BELLEVILLE SCOTT AF Z				1.03	.01	T	T			.05	2.76	.01	.14		.83		T	.75			T	T									5.58
BELVIDERE SEWAGE PLANT R				.10		.05	.07					.83					-	-			.07										-
BENTLEY				.02	T	.04	.08				.87	1.33		.03			T	.30			.01										2.68
BENTON				.15								1.65	2.00		.20			1.35													5.35
BLOOMINGTON	.05				.13						T	.17	.99		T			.64			.08	.12									2.18
BLOOMINGTON NORMAL	.02			.20	.02		.01				.10	.87	.01	T				.58			.15										1.96
BLUFFS				.62		.12					1.00	.68	.52	.07	.02			.18													3.21
BRADFORD CAA				.07	T	.01					.13	.95	.01	T			T	.04			T	T					T	T			1.21
BROOKPORT DAM 52						2.40							.72		T	.28	.01	.51	.12									.01			4.05
CAIRO WB CITY R					.37		T					.01	.84		.30	T	.10	.02													1.64
CAMP ELLIS R							.02				.70	.79	.12					.32			.12										2.07
CANTON				.02							.20	.70				.10		.52			.10										1.64
CARBONDALE SEWAGE PL				T								.07	2.80	.01	.54	.01		.66	.10												4.19
CARLINVILLE 4 E							.14				T	1.85	.61	T	.14			.60				.03									3.37
CARLYLE					.95	.01						1.96	.33		.68			.62			.05										4.60
CARMI				.04	.44							1.46	.91		.57		.03	.77													4.22
CARPENTER 1 SW R					.24							2.35	.04		.11			.25													2.99
CASEY				.45								1.72	.16		.42		1.01														3.76
CENTRALIA 4 W					2.40							2.14	.49	1.85					.54													7.42
CHANDLERVILLE				.30			T				.04	.95	.35					.40			.33										2.37
CHANNAHON DRESDEN ISLD	.17				.19		T					.02	.30		T			.03					.01				T				0.72
CHARLESTON				1.41								.98	.18		.24			1.27				.05									4.13
CHENOA				.12		T					.08	.42	.23					.42			.10										1.37
CHESTER												.26	6.00		.36			.80	.10												7.52
CHICAGO CAL TREAT WKS H				.48			.08					.16	.02					.08			.01	.03					.20	.02			1.08
CHICAGO HEIGHTS				.51		.03						.13	.05					.11			T	T	T				T	.10			0.93
CHICAGO LOYOLA UNIV H				.66		.05	.17					.12					.22	.48				.02					.01	.14			1.87
CHICAGO N BRA PUMP STA R				.96		.04	.03	.01				.12	.01				.25	.61				.03						.36			2.42
CHICAGO SAN DIST DISP H				.50		.01	.02					.14	.01				.40	.43				.02					.01	.10			1.64
CHICAGO SAN DIST OFF R				.51		.06	.08					.10	.01				.43	.71				.01					.01	03			1.95
CHICAGO UNIVERSITY R				.29	T	.02	.04				T	.14	.02				.14	.38				.04					.06	.05			1.18
CHICAGO WB AIRPORT R				.32		.02	.05				T	.19	.01				.28	.29				.01				T	T	.07			1.24
CHICAGO WB CITY R				.65		.04	.12				T	.15	T				.33	.67				.01				T	.04	.07			2.08
CHILLICOTHE				T		.02	T				.13	.58	.03	T	.01			.19			.07		T			T					1.03
CICERO				1.21	T	.03	.06				T	.14	.03					1.03				T					T	.15			2.65
CISNE BROWN CAMP R				.04	.05							2.26	.22		.65		.27	.65													4.14
CLINTON 1 S				.36						.06	.41	.82		T	T			.31			.16										2.12
COLLINSVILLE H				.20							.03	2.64		.22	.30			.52			.01	.04									3.96
COULTERVILLE R				.50							.10	3.12	.08	.13	.41			.69				.85									5.08
CRETE H				.40								.09	.12					.07										.05			0.73
DANVILLE	.01						.02				T	.54	.20			.02		.16			.25						T				1.20
DANVILLE SEWAGE PLANT	.17							T				T	.58	.11	.03	T		.38	.06			.21	T								1.54
DANVILLE WATER WORKS H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
DES PLAINES 1 NW	.05			.76	.02	.02	.11	T			.05	.43	.02					.19					.02									1.67
DIONA R				.15								1.25	.11		.22		.25	.54			.03										2.55
DIXON						.07					.10	1.22																				1.39
DOUGLAS R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNS 2 NE R				.23							.08	1.16		.06			.03	.27			.20										2.03
DU QUOIN												1.40	3.16		.48			1.05													6.09
DWIGHT				.75		T					.09	.33	.07					.14			.08		T								1.46
DWIGHT STATE REFORM R				.28							.07	.32	.03					.12			.08										0.90
EAST ST LOUIS				.09			T				.10	3.26		.28	.30			1.03			.01	.04									5.11
EDWARDSVILLE				.07	.45	T	T				T	1.94	.17	.69	.14	T	T	1.40			T										4.86
EFFINGHAM CAA Z				.22		T					T	1.96	.08	.04	.37		.14	.21			.22										3.24
ELGIN				.15	T	.06	T				.09	1.13						.15				.02					.07				1.67
ELIZABETHTOWN				T	1.61							T	.86		.38		.07	.95													3.87
ELSAH				T	.05	.04	.02					1.61	.66		.25	.01		.54													3.18
EVANSTON PUMP STA H				.50	.01	.04	.09	.01				.10	.01				.07	.23				.01					.05	.41			1.53
FAIRBURY WATER WORKS R//				.05							.03	.47	.10				.01	.47			.10										1.23
FAIRFIELD				.10								2.10	1.20		.61			1.52													5.53
FARMER CITY R				.16							.10	.68						.15			.12										1.21
FLORA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-		-
FREEPORT			.12	.01	.06	.14	.04				.05	1.56			T	.02	T	.18				T					T		.01			2.19
FREEPORT SEWAGE PLANT R	.06			.04	T		.07	.02			.06	.85	.83					.13									T					2.06
FULTON DAM 13 Z	.03			.09	.03		.09	.02			.19	1.53	.64		T		T	T													2.62
GALATIA R					.50						.04	1.28	.57		.55		.20	.45													3.59
GALENA			.09			.15	.01		T		.63	T					T	.01				T			.01	T	T				0.90
GALESBURG						.01					.03	1.31		.04				.02			.05										1.46
GALVA											.22	1.07		.04				.10													1.43
GENESEO			.03			.03	T				.17	1.34					T														1.57
GIBSON CITY					1.85	T	T				.01	.63			.01		.01				.33	T				T	T				2.84
GLADSTONE DAM 18				.07	T		.07				.31	1.26			.01			.16				T									1.88
GLENDALE EXP FARM R												.27	.92		.51		.28	.35													2.33
GOLCONDA DAM 51 H				T		1.27							.62	T	.05	.38	T	.36	.17									01			2.86
GOLDEN					.03	T					1.51	.39	.27	.12			T	.64			.02										2.98
GRAFTON					T		T					1.20	1.58		.04	.12		.53				.04									3.51
GRAND TOWER 2 N												.07	5.16		.42		1	1.27													6.92
GREENFIELD R				.05		.13						2.32		.02	.16			.74													3.42
GREENUP					.58	T						2.27	.12		.43			.68				.15									4.23
GREENVILLE					.54							1.66	.38		.34			.38													3.30
GRIDLEY				.08							.11	.48	.03					.37			.09										1.16
GRIGGSVILLE						.04	.40				1.54	.99		.08			.22														3.27
HARDIN				.49		.10	.22					1.72	.88	.20				.79														4.40
HARRISBURG					.02							1.40	.75	T	.77		.05	.50														3.49
HARRISBURG 4 E													2.07		.16	.37		.17	.22												2.99
HAVANA						T					.55	1.21	.06	.03			T	.50			.19										2.54
HAVANA NO 2												1.67	.06					49			.14	T									2.36
HENRY				.71		.02						.72		.02							T	.01									1.48
HILLSBORO	.02			.24		.02						1.17	.29	T	.22			.86				.07									2.89
HOOPESTON Z				.34	.38						T	.32	.08	T				.16			.15		.02								1.45
HUTSONVILLE R				.14								1.10	.20	.09	.29		.37	16			.40										2.75
HUTSONVILLE POWER PLA				.01	.04								1.45		.47			55				.48									3.00
ILLINOIS CITY DAM 16 Z	.01			.23	T		.03				.60	1.38	.02																		2.27
JACKSONVILLE				.19		T	.10				.11	1.43	.49	.03				.40													2.75
JACKSONVILLE SEWAGE PL R				.12			.10				.10	1.82	.02					.38													2.54
JERSEYVILLE				-	-	-	-	-	-						.13			.63													-
JOLIET BRANDON RD DAM	.21				.08		.05					T	.24	T				.10										01			0.67
JOLIET WB AIRPORT				.28		.02					.02	.37	T	T		T	T	.12			T	T					T	T			0.81
KANKAKEE				.06		.01					.03	.11	1.08					.33			.10		.02				.02				1.76
KANKAKEE 4 W				.43		.01					.03	.17	.54	T				70			.04		.02				.04				1.98
KANKAKEE SEWAGE PLANT R				.40							.03	.11	.57					.68			.02						02				1.83
KEITHSBURG				T			.08				.34	1.54																			1.96
KEWANEE				T		T					.10	.08						T				T									0.18
KEWANEE BAKER PARK R											.20	.90																			1.10

See reference notes following Station Index

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KICKAPOO												1.13	.06					.25			.11											1.55
LA HARPE				.04	T	T	T				.40	1.14	.13	.08			.01	.02			.18											2.00
LAMARK R			.15	.08		.15	.03				.09	1.91				.02	-	-			-											-
LA SALLE	.02			.24	.03	.01					.11	.77	.01	T				.14			T		T					T				1.33
LAWN RIDGE R				.07		.08					.15	.75						-			-											-
LE ROY				.18							.14	1.00		.08				.16			.05											1.61
LINCOLN				.49	.01	T					.15	1.08		.05				.40			.43											2.61
LINCOLN NO 2					.42						T	.33	.66		.44			.33				.45										2.63
LOCKPORT LOCK AND DAM R				.47								.25						.07				.02						.04				0.85
LOCKPORT POWER HOUSE R				.48		.01		.01			.01	.26	.01				.02	.07				.01						.02				0.90
LOUISVILLE R				.20	.40							1.80	.10	.01	.69						*	.05										3.25
MACKINAW							T					.56	.40					.13			.12											1.21
MACOMB				T			.02				.56	1.70	.43	.03			T	.31			.11											3.16
MARENGO				.06	.79	.06	.03				.02	.40	.85			.06		.07				.04										2.38
MARIETTA R											.49	.90	.28					.45			.30											2.42
MARION				.20	.19							.02	2.28		.78		.02	.43														3.92
MAROA R				.10							-	-		.04			.15	-			.40											-
MARSEILLES LOCK	T				.86		.03					.07	.44	T				T														1.40
MARSHALL 1 W					.61							1.70	.22	.60				.31				.11										3.55
MASCOUTAH						1.02	T					2.21	1.16		1.09		T	.75	.02													6.25
MASON CITY R				.11							.22	1.11		.07				.70			.95											3.16
MATTOON				.18								1.05	.29		.09		.66	.74			.02											3.03
MC HENRY R			.02	.40		.06	.06				.05	1.20						.08			.05	.06						.04				2.02
MC HENRY 2 S				.75	.06	.04	.05				.04	1.16	.04					.06			.04							.09				2.33
MC LEANSBORO				.20	T		.04					3.00	2.25		.55			1.03														7.07
MEDORA							.27				T	2.33	.63	T	.13			1.25			T											4.61
MINONK				.40		T					.15	.45	.02																			1.02
MOLINE WB AIRPORT Z		T		.04		.03	T			.02	.33	1.17	.37				T										T					1.96
MONMOUTH						.03					.10	1.91		.03							.03											2.10
MONTICELLO				.67	.25							1.46		.06				.10			.15											2.69
MORRIS	.16				.13		T					T	.42					T					.04									0.75
MORRIS 3 NE				.05	.04	.01	T					T	.44		T			.02			T		T									0.56
MORRISON			.15	.01		.05	.01				.18	.03				T																0.43
MORRISONVILLE R												1.85			.08	T		.30			.02											2.25
MORRISONVILLE 1 E				T		T	T					1.43	.34	T	.09			.34			T											2.20
MT CARMEL				.18								1.32	.60		.35	.10		.60				.03										3.18
MT CARMEL WATER WORKSR				.05								1.53	.52		.35		.11	.38				.02					.02					2.98
MOUNT CARROLL			.21	.05	.02	.19	.01				.10	2.13						.03				T										2.74
MOUNT OLIVE				.17		.01	.10					1.33	.37		.21			.98														3.17
MOUNT PULASKI											T	.84	.02				T	.21			.47											1.54
MOUNT STERLING						T	.05				.67	1.43	.81	.12				.39			T											3.47
MT VERNON					.19							2.08	1.89		.18			.93				.09										5.36
MURPHYSBORO WTR WKS R											*	*	4.00	*	.40		*	.75														5.15
NASHVILLE					1.33							1.40	3.48		.88							.06										7.15
NEWARK 7 E				58		T	T				.05	.55	.05					.05														1.28
NEW BOSTON DAM 17				.03			.03				.51	1.53					T	.02				T										2.12
NEW BOSTON 2 NW				.04		.02				.48	.20	1.30						T														2.04
NEW BURNSIDE				T	T	T						1.47	.87	.01	.66		.03	.63														3.67
NEWTON Z					.07							1.18	.21		.45						.25											2.16
OTTAWA				.92		.03					.09	.57	.02	T				T				T										1.63
PALESTINE				.16	.12							.70	.14	T	.58		.90	.06				.26					T					2.92
PANA				T		T	T				T	2.03	.15	T	.08			.40				.01										2.67
PARIS SEWAGE PLANT R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										-
PARIS WATER WORKS					.22							.85	.05		.10			1.43														2.65
PAW PAW				.17		.05	T				.10	1.62																				1.94
PAYSON			T	.03			.28				1.20	1.35		.08		T		.32														3.26
PEORIA WB AIRPORT R				T		T					.20	.65	.08	T			T	.62			.07											1.62
PEOTONE					.48		.03				T	.13		T				.56														1.20
PERU	.05				.12							.21	.77					.20														1.35
PETERSBURG				.20							.15	1.80	.15	T				.38			.14											2.82
PIPER CITY R				.09								.39	.05					1.12			-											-
PITTSFIELD WATER WORKS R							.25				.35	1.45		.05			.11	.21														2.42
PLEASANT HILL 2 E				.20		.01	.08				.08	1.27	.76	.07				.93				.02										3.42
PONTIAC				.60		T	.01				.08	.33	.09	T	T			.30			.11											1.52
PRAIRIE DU ROCHER R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			1.33														-
PRINCETON 1 S R//				.30							.18	.92					.20	.04														1.64
PRINCEVILLE 2 NW				.28	.02	.04					.22	.82	T	.03				.02			.03											1.46
PROPHETSTOWN R						.10					.21	1.22																				1.53
QUINCY						.08	.23				2.06	.57	.59	.10			.02	1.20														4.85
QUINCY CAA						.04	.31				1.80	1.36	T	.10			.35	.56			T											4.61
QUINCY DAM 21 Z	.14			T			.33				.13	2.33	1.23		.09			.13														4.38
QUINCY MEMORIAL BRIDGE	.15						.49				T	2.38	1.29	T	.09			.97														5.37
RANTOUL CHANUTE AF Z				.27			T				.07	.61	.03	T			T	T			.09	T						T				1.07
RED BUD				.18								.79	3.55	.82	.01			.84	.09			.05										6.33
RICHVIEW R				.87	.03							3.68	.14	.03	.75			.65				.05										6.20
ROBERTS 3 N				.27		T	T					.54	.10	T				.29			.04											1.24
ROCHELLE						.11	.04				T	1.30																				1.45
ROCKFORD			T	.24	.02	.07	.04				.07	1.65				T		.07				.09										2.25
ROCKFORD CAA			T	.27		.03	.04				.04	1.32				T	.02	.01				T										1.73
ROCK ISLAND DAM 15	T			T	.01		.05	T			.36	2.08	.43					T														2.93
RUSHVILLE											.88	1.37	.25	.07				.56														3.13
STE MARIE					.26							T	1.42		.53			.19	.02			.23										2.65
SALEM					2.56							2.56	.64		.80	.01		.58				.03										7.18
SHAWNEETOWN NEW TOWN				.12		T							.98	.03	.15	.37		.39	.14									T				2.18
SIDELL	.18												1.23		.06			.30				.02										1.79
SKOKIE W S TREAT WKS R				.60		.04	.08					.10	.02				.10	.28				.02							.42			1.66
SPARTA					1.23						T	2.13	2.14	T	.36		T	.72														6.58
SPRINGFIELD WB AIRPORT Z				.02		T	T				.04	1.58	.01	.03	T		T	.49			.04											2.21
SPRINGFIELD WB CITY Z				.04		T	T				.04	1.87	.02	.04	.02		T	.54			.03											2.60
STICKNEY W SIDE TREAT R				.74		.01	.05					.16	.01				.47	.30				.02							.02			1.78
STOCKTON				.06		.09	.01				.12	.97	.01			.01	T	.09														1.36
STREATOR				.18		T	T				.06	.43	.04					.08			.04											0.83
SULLIVAN WATER WORKS R//											.82	.48	-	-			.10	.58														-
SYCAMORE				.20		.05					.10	1.64						.05				.07										2.11
TABLE GROVE				.05		T	.06				.72	.98	.17	.02				.13			.26											2.39
TAYLORVILLE				.06								1.36	.26		.12			1.06														2.86
TISKILWA				.19		T					.15	.93																				1.27
TOULON				T	T	T					.14	.90		.04				.03														1.11
TUSCOLA												.97	.40	.07	.08			.67														2.19
URBANA				.60	.09			.04			.05	.58	.06	.02				.06			.17											1.67
URBANA EXP FARM R				.42			.03					.58						.05			.20											1.28
URBANA WATER WORKS	.02				.52			.04				.65	.01				.02	.02			.09											1.37
UTICA STARVED ROCK DAM	.10				.79		.02					.05	.68		.02								.05									1.69
VANDALIA Z				.63		T						1.86	.54		.40		T	.49				.05										3.97
VIRDEN						T	.05				T	1.51	.59	T	.22			.51														2.88
WALNUT				T		.08	T				.18	1.31																				1.57
WARSAW						.16					.96	1.10	.27	.07				.24														2.80
WASHINGTON R				.23							.19	.71	.15					.20			.10											1.58
WATERLOO					1.14							2.45	2.14		.99			.65				.12										7.49
WATERMAN R				.20			.05	.03			.10	1.72					.02	.02														2.14
WATSEKA				.84	.04	T						.21	.16					.74			.18											2.17
WAUKEGAN				.83		.10	.04				.03	.39	.02					.04				.05										1.50
WAYNE CITY					.05							.07	3.05	.02	.61			.70														4.50
WENONA R											*	*	.60					.08			.04											-
WEST FRANKFORT H E R												1.03	.72		.54		.26	.39														2.94
WHEATON COLLEGE				1.04		.02	.08			.02		.60	.50					.70				.05						.02				3.03
WHITE HALL 1 E	.07			T	.27	T	.23				.02	1.76	.68	T	.07			.86				T										3.96
WILLOW					.14							.10	2.40		.75			.85				.07										4.31
WINDSOR				.09		T						1.46	1.38		.11			1.38			T											4.42

See reference notes following Station Index

HOURLY PRECIPITATION

Station		A M Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—3d—																										
DANVILLE WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOUGLAS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREEPORT SEWAGE PLANT															.03											.03
FULTON DAM 13																.07										.07
LANARK											.05	.08	.02													.15
MC HENRY												.02														.02
PARIS SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRAIRIE DU ROCHER W WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—4th—																										
ALEXIS WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEARDSTOWN LAGRANGE DAM	//																.03									.03
BELLEVILLE SCOTT AF BSE	//																-	-	-	-	-	-	-	-	-	-
BELVIDERE SEWAGE PLANT										.08							.02									.10
BRADFORD CAA	6							•	•	•	•	•	.06	•	•	•	•	•	.01							
CHICAGO CAL TREAT WKS																.46			.01	.01						.48
CHICAGO LOYOLA UNIV																.54	.08			.04						.66
CHICAGO N BRA PUMP STA																.88	.04			.04						.96
CHICAGO SAN DIST DISPAT																.44	.03			.03						.50
CHICAGO SAN DIST OFF																.37	.10			.04						.51
CHICAGO UNIVERSITY																	.25			.04						.29
CHICAGO WB AIRPORT																.19	.02			.11						.32
CHICAGO WB CITY																.55	.05			.05						.65
CISNE BROWN CAMP																									.04	.04
COLLINSVILLE																			.20							.20
COULTERVILLE																							.10	.40		.50
CRETE																	.39		.01							.40
DIONA																					.08	.07				.15
DOWNS 2 NE															.12		.11									.23
DWIGHT STATE REFORM															.17	.08		.02	.01							.28
EFFINGHAM CAA	//																				.25					.25
EVANSTON PUMP STA																.45	.02	.01		.02						.50
FAIRBURY WATER WORKS	//																.05									.05
FARMER CITY															.04	.08	.01	.01		.01	.01					.16
FULTON DAM 13																						.03				.03
GREENFIELD																		.05								.05
HOOPESTON																	.05	.01	.29				.40			.75
HUDSON LK BLOOMINGTON										.04						.06	.20		.04							.34
HUTSONVILLE	//																		.01	.01	.10		.02			.14
ILLINOIS CITY DAM 16					.15	.08																				.23
JACKSONVILLE SEWAGE PL														.04		.01		.07								.12
JOLIET WB AIRPORT	6													•	•	•	•	•	.28							
KANKAKEE SEWAGE PLANT																	.38	.02								.40
LANARK									.08																	.08
LAWN RIDGE													.05	.02												.07
LOCKPORT LOCK AND DAM																.24			.22	.01						.47
LOCKPORT POWER HOUSE																.23			.16	.09						.48
LOUISVILLE																						.10	.04	.04	.02	.20
MAROA SEWAGE PLANT										.09	.01															.10
MASON CITY																.03	.08									.11
MC HENRY										.07	.01			.10		.01	.01			.02	.16			.01	.01	.40
MOLINE WB AIRPORT	//			.02	.01	.01																				.04
MT CARMEL WATER WORKS							.03					.02														.05
NEWTON																			-	-	-	-	-	-	-	-
PEORIA LOCK AND DAM	//													.42	.02											.44
PIPER CITY																.03	.04	.01	.01							.09
PRINCETON 1 S	//													.28	.01			.01								.30
RANTOUL CHANUTE AF BASE	//												-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW																							.11	.21	.55	.87
ROCKFORD CAA	6													•	•	•	•	•	.10	•	•	•	•	•	.17	
SKOKIE N S TREAT WKS																.54	.03	.01		.02						.60
SPRINGFIELD WB AIRPORT	//																		.02							.02
SPRINGFIELD WB CITY																			.04							.04
STICKNEY W SIDE TREAT																.69	.01			.04						.74
URBANA EXP FARM							.23		.19																	.42
VANDALIA														-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON														.19				.01	.03							.23
WATERMAN	//														.20											.20
WENONA													-	-	-	-	-	-	-	-	-	-	-	-	-	-
—5th—																										
CAIRO WB CITY										.09	.28															.37
CARPENTER 1 SW																				.24						.24
CISNE BROWN CAMP		.04	.01																							.05
EVANSTON PUMP STA									.01																	.01
GALATIA												.43						.07								.50
GOLCONDA DAM 51									.45	.48	.07															1.00
LOUISVILLE			.02	.02	.15	.21																				.40
RICHVIEW		.03																								.03
—6th—																										
AUGUSTA HIGH SCHOOL											.02				.01	01										.04
BELVIDERE SEWAGE PLANT																		.05								.05
BRADFORD CAA	6													•	•	•	•	•	.01							
CHICAGO LOYOLA UNIV																	.03	.02								.05
CHICAGO N BRA PUMP STA																	03	.01								.04
CHICAGO SAN DIST DISPAT																.01										.01
CHICAGO SAN DIST OFF																	.01	.02	.03							.06
CHICAGO UNIVERSITY																	.01	.01								02
CHICAGO WB AIRPORT																		.02								.02
CHICAGO WB CITY																	.01	.02	.01							.04
EVANSTON PUMP STA																.01	01	.02								.04
FREEPORT SEWAGE PLANT															.04	.01										05
FULTON DAM 13															.03	.05	.01	.01								.10
GREENFIELD								05	.07		.01															.13
JOLIET WB AIRPORT	6													•	•	•	•	•	02							
LANARK											.03	02			.05	05										.15
LAWN RIDGE																	.08									.08
LOCKPORT POWER HOUSE																	.01									.01
MC HENRY															.01	.01	.03	.01								.06
MOLINE WB AIRPORT	//											.01	.01	.01												.03
OREGON POWER PLANT	//														.03	.01	.01	.01								.06
PROPHETSTOWN															.03	.02		.02	.01	02						.10
QUINCY CAA	6													•	•	•	•	•	.04							
QUINCY DAM 21							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKFORD CAA	6													•	•	•	•	•	.03							
SKOKIE N S TREAT WKS																.01	.02	.01								.04
STICKNEY W SIDE TREAT																		.01								.01

See reference notes following Station Index

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—7th—																									
AUGUSTA HIGH SCHOOL						.05	.01																		.06
BEARDSTOWN LAGRANGE DAM								.03																	.03
BELVIDERE SEWAGE PLANT								.07																	.07
CAMP ELLIS										.02															.02
CHICAGO CAL TREAT WKS														.07	.01										.08
CHICAGO LOYOLA UNIV											.02		.15												.17
CHICAGO N BRA PUMP STA											.02		.01												.03
CHICAGO SAN DIST DISPAT												.01	.01												.02
CHICAGO SAN DIST OFF												.08													.08
CHICAGO UNIVERSITY												.01	.03												.04
CHICAGO WB AIRPORT												.01	.04												.05
CHICAGO WB CITY												.10	.02												.12
EVANSTON PUMP STA							.01			.01	.01	.01	.05												.09
FREEPORT SEWAGE PLANT											.02														.02
JACKSONVILLE SEWAGE PL							.10																		.10
LANARK								.01	.01	.01															.03
MC HENRY								.01	.05																.06
OREGON POWER PLANT							.02																		.02
PITTSFIELD WATER WORKS						.25																			.25
QUINCY CAA	6	*	*	*	*	*	.31																		
QUINCY DAM 21		-	-	-	-	-	-	-	-	-	-	-													-
ROCKFORD CAA	6						*	*	*	*	*	.04													
SKOKIE N S TREAT WKS											.01		.07												.08
STICKNEY W SIDE TREAT												.04	.01												.05
URBANA EXP FARM						.03																			.03
WATERMAN														.01	.02	.01	.01								.05
—8th—																									
CHICAGO N BRA PUMP STA			.01																						.01
EVANSTON PUMP STA		.01																							.01
LOCKPORT POWER HOUSE					.01																				.01
WATERMAN											.03														.03
—10th—																									
BEARDSTOWN LAGRANGE DAM													.02												.02
ILLINOIS CITY DAM 16																							.05		.05
MOLINE WB AIRPORT																								.02	.02
—11th—																									
AUGUSTA HIGH SCHOOL		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BEARDSTOWN LAGRANGE DAM		.01	.02	.05	.05	.07	.01	.06	.03	.01	.02												.01	.01	.35
BRADFORD CAA	6	*	*	*	*	*	.01	*	*	*	*	.12													
CAMP ELLIS								.02	.03	.05	.05	.03	.06	.16	.17	.02		.01						.10	.70
COLLINSVILLE																								.03	.03
COULTERVILLE																			.03	.07					.10
DOWNS 2 NE													.05			.01	.02								.08
DWIGHT STATE REFORM											.02	.03		.02											.07
FAIRBURY WATER WORKS	//												.03												.03
FARMER CITY																.07	.02	.01							.10
FREEPORT SEWAGE PLANT							.01	01	.01		.01	.01													.05
FULTON DAM 13				.05	.05	.03	.05																		.18
GALATIA																			.03		.01				.04
HUDSON LK BLOOMINGTON									.02				.03	.03				.03	.02						.13
ILLINOIS CITY DAM 16			.03	.02	.10	.20	.09	.04	.06		.06													.15	.75
JACKSONVILLE SEWAGE PL												.02	.01	.02	.03	.01		.01							.10
JOLIET WB AIRPORT	6							*	*	*	*	*	.01	*	*	*	*	*	.01						
KANKAKEE SEWAGE PLANT															.01	.02									.03
KEWANEE BAKER PARK								.03	.07		.03		.07												.20
LANARK																							.04	.05	.09
LAWN RIDGE									.07	.01	.01	.03	.03												.15
LOCKPORT POWER HOUSE											.01														.01
MARIETTA					.02			.02	.01	.05	.03	.04	.03	.04	.20									.05	.49
MAROA SEWAGE PLANT						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASON CITY												.10	.03	.01	.06							.02			.22
MC HENRY										.04	.01														.05
MOLINE WB AIRPORT	//		.01	.04	.02	.06	.14	.01	.03		.02														.33
MURPHYSBORO WATER WORKS	//																		*	*	*	*	*	*	*
OREGON POWER PLANT	//						.02	.02	.01	.03	.02														.10
PEORIA LOCK AND DAM	//									.04	.04	.02	.04	.01	.02	.03	.03	.01	.01						.25
PEORIA WB AIRPORT						.01				.03	.07	.03	.01	.03		.02									.20
PITTSFIELD WATER WORKS										.05	.08	.02	.03	.04	.03	.05								.05	.35
PRINCETON 1 S							.02	.06	.05			.02	.01			.01						.01			.18
PROPHETSTOWN		.01		.02	.04	.02	.02	.05	.03	.01	.01														.21
QUINCY CAA	6							*	*	*	*	.53	*	*	*	*	*	1.32	*	*	*	*	*	.05	
QUINCY DAM 21								.03	.17	.05	.15	.20	30	.75	.28	.06		.01						.02	2.02
RANTOUL CHANUTE AF BASE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKFORD CAA	6							*	*	*	*	.04													
SPRINGFIELD WB AIRPORT	//													.03	.01										.04
SPRINGFIELD WB CITY													.02	.01	.01										.04
SULLIVAN WATER WORKS							.05	.10	.20	.17	.25	.01			.01			.01						.02	.82
WASHINGTON									.08	.01	.01	.01	.01	.01						.01	.01	.02	.01	.01	.19
WATERMAN								.01	.06	.03															.10
WENONA							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
—12th—																									
ALEXIS WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUGUSTA HIGH SCHOOL		*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.50			.05	.05		.03	.02	.18	1.83
BEARDSTOWN LAGRANGE DAM		.03	.05	.17	.11	.54			.17	.01	.01									.30	.10	.10	.05		1.85
BELVIDERE SEWAGE PLANT					.01	.01		.03	.21	.18	.09	.22	.03	.02	.02	.01									.83
BRADFORD CAA	6	*	*	*	*	*	.09	*	*	*	*	*	.86												
CAIRO WB CITY																								.01	.01
CAMP ELLIS		.13	.02	.02		.01	.12	.35	.06											.03	.05				.79
CARPENTER 1 SW							.10	.40	.48	.52	.01	.20	.01	.03					.04	.06	.02	.14	.14	.20	2.35
CHICAGO CAL TREAT WKS											.02	.05			.07	.01	.01								.16
CHICAGO LOYOLA UNIV											.02	.07	.01		.01			.01							.12
CHICAGO N BRA PUMP STA											.02	.07	.02			.01									.12
CHICAGO SAN DIST DISPAT											.02	.07		.01	.02				.01	.01					.14
CHICAGO SAN DIST OFF											.01	.05		.01	.03										.10
CHICAGO UNIVERSITY											.01	.05	.01	.03	.03		.01								.14
CHICAGO WB AIRPORT											.06	.06		.02	.01	.01	.01			.02					.19
CHICAGO WB CITY												.05	.04		.02	.01	.01	.01			.01				.15
CISNE BROWN CAMP							.03	.12	.13	.45	.12	.06	.67	.07		.03	.09	.01				.05	.20	.23	2.26
COLLINSVILLE		.01			.06	.22	.55	.18	.57		.29	.11	.04	.03	.03			.05	.03	.07	.05	.03	.29	.03	2.64
COULTERVILLE		.03	02			.10	.03	.07	.05	.23	.02		.08	.05	.35	.15	.02		.02	.11	1.05	.27	.15	.32	3.12
CRETE												.05	.01		.01			.01							.09
ELGIN								.03	.07	.20	.44	.30	.15	.01											1.25
DOWNS 2 NE						.05	.03	.03	.19	.45	.41														1.16
DWIGHT STATE REFORM									.01	.07	.22	.01												.01	.32
EFFINGHAM CAA								.09	.17	.44	.34	.50	.15	.01		.01						.01	.04	.02	1.78
EVANSTON PUMP STA											.01	.06	.01			.01					.01				.10

See reference notes following Station Index

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
FAIRBURY WATER WORKS	//								.12	.08	.26	.01														.47
FARMER CITY								.08	.22	.23	.12	.02	.01													.68
FREEPORT SEWAGE PLANT						.37	.24	.18	.30	.11	.03	.09	.13	.06	.03	.01										1.55
FULTON DAM 13					.40	.20	.48	.22	.17	.10	.10	.30	.09	.03	.02											2.11
GALATIA		.03	.01	.01								.01			.01	.01	.11	.36	.09	.06	.01		.04	.21	.32	1.28
GLENDALE EXP FARM																			.09	.12		.01		.01	.04	.27
GREENFIELD		.02	.01		.02	.35	.10	.45	.10	.45	.05	.05					.02	.01	.10	.03	.12	.17	.23	.04		2.32
HOOPESTON									.03	.02	.09	.06	.05	.05												.30
HUDSON LK BLOOMINGTON										.08	.22	.18														.48
HUTSONVILLE	//						.08	.22	.10	.40	.19	.01	.01	.01	.01								.02	.04	.01	1.10
ILLINOIS CITY DAM 16		.15	.04	.01	.18	.32	.20	.18	.02															*	.10	1.20
JACKSONVILLE SEWAGE PL		.02	.04	.05	.04	.07	.73	.27	.19	.01										.03	.17	.10	.08	.02		1.82
JOLIET WB AIRPORT	6							*	*	*	*	*	.32	*	*	*	*	*	.05							
KANKAKEE SEWAGE PLANT											.03	.07		.01												.11
KEWANEE BAKER PARK							.05	.45	.34	.06																.90
LANARK		.18	.20	.08	.37	.15	.03	.03	.07	.05	.10	.14	.31	.05	.05			.04	.01	.03	.02					1.91
LAWN RIDGE							.05	.09	.41	.17	.01	.01	.01													.75
LOCKPORT LOCK AND DAM										.06	.12	.02	.01	.01	.01	.01		.01								.25
LOCKPORT POWER HOUSE										.07	.11	.05				.02		.01								.26
LOUISVILLE							.02	.08	.14	.33	.35	.07	.43	.03									.10	.10	.15	1.80
MARIETTA		.13	.01	.01		.04	.10	.40	.20	.01																.90
MAROA SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
MASON CITY		.01		.07			.08	.12	.43	.34	.01	.01	.01												.03	1.11
MC HENRY									.05	.36	.34	.28		.14	.01	.02										1.20
MOLINE WB AIRPORT	//		.01		.06	.44	.34	.24	.07				.01													1.17
MORRISONVILLE							.25	.10	.70	.38	.05	.02								.09	.06	.14	.01		.05	1.85
MT CARMEL WATER WORKS												.38	.37	.05	.23	.14	.13	.07	.08	.05					.03	1.53
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NEWTON									.08	.16	.35	.13	.28	.42	.01	.01								.03	.03	1.50
OREGON POWER PLANT	//						.03	.22	.30	.30	.08	.06	.16	.02	.08	.04	.01									1.30
PEORIA LOCK AND DAM	//		.01	.01			.05	.05	.33	.11													.01	.01	.01	.59
PEORIA WB AIRPORT				.01	.01		.03	.12	.35	.12														.01		.65
PIPER CITY										.08	.16	.15														.39
PITTSFIELD WATER WORKS		.05	.05	.10	.38	.30			.02	.01	.03	.01								.02	.10	.18	.18	.02		1.45
PRINCETON 1 S	//						.02	.10	.55	.24	.01															.92
PROPHETSTOWN					.02	.05	.40	.33	.31	.11																1.22
QUINCY CAA	6	*	*	*	*	*	.37	*	*	*	*	*	.26	*	*	*	*	*	.07	*	*	*	*	*	.65	
QUINCY DAM 21		.01	.05	.01		.01	.02	.18	.05	.04									.28	.50	.11	.21	.05			1.52
RANTOUL CHANUTE AF BASE	//								.05	.10	.08	.19												.01		.43
RICHVIEW						.02	.08	.25	.30	.43	.07		.48	.02	.05	.13	.07			.05	.08	.80	.20	.17	.48	3.68
ROCKFORD CAA	6	*	*	*	*	*	.30	*	*	*	*	*	.98	*	*	*	*	*	.04							
SKOKIE N S TREAT WKS											.02	.07	.01													.10
SPRINGFIELD WB AIRPORT	//			.02	.02	.01	.07	.36	.63	.26	.01											.11	.03	.01	.05	1.58
SPRINGFIELD WB CITY		.01	.02	.03		.03	.07	.30	.75	.33	.01											.10	.07	.01	.06	1.79
STICKNEY W SIDE TREAT											.05	.07			.01	.02			.01							.16
SULLIVAN WATER WORKS	//	.01	.01	.01	.33	.12																				.48
URBANA EXP FARM									.01	.11	.24	.17	.01	.04												.58
VANDALIA							.10	.20	.40	.33	.22	.60	.02	.01	.02							.14	.23	.03	.02	2.32
WASHINGTON		.01						.10	.25	.25														.10		.71
WATERMAN	//				.01		.03	.06	.69	.53	.15	.08	.07	.07	.01	.01	.01									1.72
WENONA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WEST FRANKFORT 8 E													.10					.30	.30	.07				.02	.24	1.03

—13th—

BRADFORD CAA	6	*	*	*	*	*	.01																			
CAIRO WB CITY		.52	.20	.12																						.84
CAMP ELLIS		.07	.05																							.12
CARPENTER 1 SW		*	*	*	*	*	*	*	*	*	*	*	.04													.04
CHICAGO CAL TREAT WKS						.01			.01																	.02
CHICAGO N BRA PUMP STA												.01														.01
CHICAGO SAN DIST DISPAT									.01																	.01
CHICAGO SAN DIST OFF											.01															.01
CHICAGO UNIVERSITY								.01	.01																	.02
CHICAGO WB AIRPORT									.01																	.01
CISNE BROWN CAMP		.16	.06																							.22
COULTERVILLE		.01	.02	.03	.01	.01																				.08
CRETE					.01	.08	.01			.02																.12
DIONA		.02	.03			.02	.04																			.11
DWIGHT STATE REFORM		.01		.02																						.03
EFFINGHAM CAA	//		.02				.01																			.03
EVANSTON PUMP STA								.01																		.01
FAIRBURY WATER WORKS	//	.03	.01	.01	.03		.01		.01																	.10
FREEPORT SEWAGE PLANT				.01	.01																					.02
FULTON DAM 13		.05																								.05
GALATIA		.33	.17	.02	.01					.03	.01															.57
GLENDALE EXP FARM		.28	.56	.07																						.92
GOLCONDA DAM 51			.22	.13																						.35
HOOPESTON			.02	.03					.01																	.06
HUTSONVILLE	//		.09	.01	.08	.01			.01																	.20
JACKSONVILLE SEWAGE PL		.02																								.02
KANKAKEE SEWAGE PLANT				.23	.33			.01																		.57
LOCKPORT POWER HOUSE					.01																					.01
LOUISVILLE		.08	.01	.01																						.10
MARIETTA		.24	.04																							.28
MOLINE WB AIRPORT	//	.37																								.37
MT CARMEL WATER WORKS		.42	.04	.06																						.52
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	4.00																			4.00
NEWTON		.05	.05	.01		.03	.06		.02	.01																.23
PEORIA LOCK AND DAM	//							.02																		.02
PEORIA WB AIRPORT			.01	.06	.01																					.08
PIPER CITY			.01	.03	.01																					.05
RANTOUL CHANUTE AF BASE	//	.01	.02																							.03
RICHVIEW		.05	.01			.01	.01	.03					.01	.02												.14
SKOKIE N S TREAT WKS							.02																			.02
SPRINGFIELD WB AIRPORT	//		.01																							.01
SPRINGFIELD WB CITY			.01																							.01
STICKNEY W SIDE TREAT									.01																	.01
VANDALIA		.02			.01	.05																				.08
WASHINGTON				.05	.05		.03		.02																	.15
WENONA		*	*	*	*	*	*	*	*	*	*	*	.60													.60
WEST FRANKFORT 8 E		.26	.34	.10	.02																					.72

—14th—

BEARDSTOWN LAGRANGE DAM	//																.05									.05
COLLINSVILLE																					.02	.04	.06		.10	.22
COULTERVILLE																								.04	.09	.13
DOWNS 2 NE																	.05	.01								.06
EFFINGHAM CAA	//																		.03	.01						.04
GREENFIELD																				.02						.02
HUTSONVILLE	//																								.09	.09
LANARK															.02											.02
LOUISVILLE																									.01	.01
MAROA SEWAGE PLANT														*	*	*	*	*	.04							.04

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4—Continued

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
MASON CITY																.02	.03	.02								.07
MURPHYSBORO WATER WORKS														*	*	*	*	*	*	*	*	*	*	*	*	*
NEWTON																	.02							.01	.01	.04
PITTSFIELD WATER WORKS																	.02	.03								.05
QUINCY CAA	6													*	*	*	*	*	.10							
QUINCY DAM 21																.06										.06
RICHVIEW																									.03	.03
SPRINGFIELD WB AIRPORT																			.02	.01						.03
SPRINGFIELD WB CITY																				.03				.01		.04
SULLIVAN WATER WORKS																			-	-	-	-	-	-	-	-
VANDALIA																							.02	.03	.01	.06

—15th—

BELLEVILLE SCOTT AF BSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAIRO WB CITY						.01	.09	.08	.10	.02																.30
CARPENTER 1 SW		.02	.01	.03	.01		.04																			.11
CISNE BROWN CAMP		.05	.20	.04	.22	.14																				.65
COLLINSVILLE		.14	.01	.05	.08	.01	.01																			.30
COULTERVILLE		.10	.05	.15	.05	.06																				.41
DIONA			.02		.02	.05	.08	.05																		.22
EFFINGHAM CAA	//				.02	.08	.09	.01		.01	.01	.01	.01	.01												.25
GALATIA						.10	.30	.10	.05																	.55
GLENDALE EXP FARM							.16	.12	.20	.03																.51
GOLCONDA DAM 51									.05	.05																.10
GREENFIELD		.01	.03		.09	.03																				.16
HUTSONVILLE	//	.13	.10	.05	.01																					.29
LOUISVILLE		.02	.27	.21	.17	.02																				.69
MORRISONVILLE				.03	.04	.01																				.08
MT CARMEL WATER WORKS				.01	.01	.05	.18	.08	.01	.01																.35
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	.40													.40
NEWTON		.03	.12	.11	.09	.03	.02	.01	.01		.01															.43
PRAIRIE DU ROCHER W WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW		.30	.12	.12	.16	.03	.01	.01																		.75
SPRINGFIELD WB CITY		.01	.01	.01	.01																					.04
SULLIVAN WATER WORKS	//	-	-	-	-	-																				-
VANDALIA		.01	.03	.02		.20	.03		.02																	.31
WEST FRANKFORT 8 E						.06	.30	.14	.04																	.54

—17th—

AUGUSTA HIGH SCHOOL																									.38	.38
BELVIDERE SEWAGE PLANT																			-	-	-	-	-	-	-	-
CAIRO WB CITY									.01	.03										.04	.02					.10
CHICAGO LOYOLA UNIV																								.08	.14	.22
CHICAGO N BRA PUMP STA																								.11	.14	.25
CHICAGO SAN DIST DISPAT																								.23	.17	.40
CHICAGO SAN DIST OFF																								.20	.23	.43
CHICAGO UNIVERSITY																								.12	.02	.14
CHICAGO WB AIRPORT																								.22	.06	.28
CHICAGO WB CITY																								.20	.13	.33
CISNE BROWN CAMP																				.15	.07	.05				.27
DIONA																							.08		.17	.25
DOWNS 2 NE																								.02	.01	.03
EFFINGHAM CAA	//																								.15	.15
EVANSTON PUMP STA																								.03	.04	.07
FAIRBURY WATER WORKS	//																							.01		.01
GALATIA																				.05	.15					.20
GLENDALE EXP FARM										.05	.01	.02								.20						.28
GOLCONDA DAM 51																				.25	.02				.01	.28
HUTSONVILLE	//																	.02	.33	.02						.37
LANARK																			-	-	-	-	-	-	-	-
LOCKPORT POWER HOUSE																								.02		.02
MAROA SEWAGE PLANT																					.10	.04	.01			.15
MT CARMEL WATER WORKS																						.10	.01			.11
MURPHYSBORO WATER WORKS	//													*	*	*	*	*	*	*	*	*	*	*	*	*
PITTSFIELD WATER WORKS																									.11	.11
PRINCETON 1 S	//																								.20	.20
QUINCY CAA	6																			*	*	*	*	*	.45	
QUINCY DAM 21																									.50	.50
ROCKFORD CAA	6																			*	*	*	*	*	.02	
SKOKIE N S TREAT WKS																								.06	.04	.10
STICKNEY W SIDE TREAT																								.26	.21	.47
SULLIVAN WATER WORKS	//																								.10	.10
WATERMAN	//																								.02	.02
WEST FRANKFORT 8 E																		.06	.02		.12	.06				.26

—18th—

ALEXIS WATER WORKS									.03	.02																.05
AUGUSTA HIGH SCHOOL		.22	.08																							.30
BEARDSTOWN LAGRANGE DAM	//	.14	.01	.08																						.23
BELLEVILLE SCOTT AF BSE	//				.28	.14	.12		.01	.18	.02															.75
BELVIDERE SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-													-
BRADFORD CAA	6	*	*	*	*	*	.04																			
CAIRO WB CITY													.01	.01												.02
CAMP ELLIS			.32																							.32
CARPENTER 1 SW						.13	.12																			.25
CHICAGO CAL TREAT WKS			.05			.02	.01																			.08
CHICAGO LOYOLA UNIV		.06		.21	.20	.01																				.48
CHICAGO N BRA PUMP STA		.05		.28	.26	.02																				.61
CHICAGO SAN DIST DISPAT		.01		.16	.16	.10																				.43
CHICAGO SAN DIST OFF		.02		.31	.26	.12																				.71
CHICAGO UNIVERSITY			.01	.14	.17	.06																				.38
CHICAGO WB AIRPORT			.01	.04	.20	.04																				.29
CHICAGO WB CITY		.02	.03	.32	.30																					.67
CISNE BROWN CAMP							.40	.20	.03	.02																.65
COLLINSVILLE				.16	.15	.16	.02	.01		.02																.52
COULTERVILLE						.10	.50		.05	.03	.01															.69
CRETE						.05	.01	.01																		.07
DIONA						.37	.13			.01				.01	.01	.01										.54
DOWNS 2 NE		.02	.01		.22	.02																				.27
DWIGHT STATE REFORM					.02	.07	.03																			.12
EFFINGHAM CAA	//					.05	.15	.02	.01																	.23
EVANSTON PUMP STA		02		.08	.11			.02																		.23
FAIRBURY WATER WORKS	//		.01	.20	.26																					.47
FARMER CITY			.13		.02																					.15
FREEPORT SEWAGE PLANT			.09	.02																						.11
GALATIA								.30	.13	.02																.45
GLENDALE EXP FARM									.33	.02																.35
GOLCONDA DAM 51									.01	.11	.02															.14
GREENFIELD			.38	.31	.01	.04																				.74
HOOPESTON				.05	.02				.01	.02	.02															.12
HOOPESTON LK BLOOMINGTON				.42	.03	.02																				.47
HUTSONVILLE			.14	.02																						.16
JACKSONVILLE SEWAGE PL		12	.03	.17	.03	.03																				.38

See reference notes following Station Index

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JOLIET WB AIRPORT	6	*	*	*	*	*	.12																			
KANKAKEE SEWAGE PLANT							.36	.32																		.68
LANARK		-	-	-	-	-																				-
LAWN RIDGE		-	-	-	-	-																				-
LOCKPORT LOCK AND DAM			.01	.02	.02	.02																				.07
LOCKPORT POWER HOUSE			.01	.01	.05																					.07
MARIETTA		.10	.34	.01																						.45
MAROA SEWAGE PLANT		.01	.01	-	-	-	-	-	-	-	-	-														-
MASON CITY			.09	.58	.02				.01																	-
MC HENRY						.04	.04																			.08
MORRISONVILLE					.14	.16																				.30
MT CARMEL WATER WORKS								.14	.18	.04	.01	.01														.38
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	.75													.75
PEORIA LOCK AND DAM	//	.02		.27	.01																					.30
PEORIA WB AIRPORT			.04	.56	.02																					.62
PIPER CITY					1.05	.07																				1.12
PITTSFIELD WATER WORKS		.03	.09	.09																						.21
PRAIRIE DU ROCHER W WKS						.70	.50	.03	.05	.04	.01															1.33
PRINCETON 1 S	//	.04																								.04
QUINCY CAA	6	*	*	*	*	*	.46																			
QUINCY DAM 21		.25	.03																							.28
RICHVIEW						.07	.38	.20																		.65
ROCKFORD CAA	6	*	*	*	*	*	.01																			
SKOKIE N S TREAT WKS		.03		.10	.14	.01																				.28
SPRINGFIELD WB AIRPORT	//		.02	.19	.14	.14																				.49
SPRINGFIELD WB CITY				.20	.29	.01																				.50
STICKNEY W SIDE TREAT				.04	.21	.05																				.30
SULLIVAN WATER WORKS	//	.06	.07	.05	.09	.08	.10	.10	.03																	.58
URBANA EXP FARM						.02	.03																			.05
VANDALIA					.35	.13	.01																			.49
WASHINGTON				.10	.10																					.20
WATERMAN	//		.01				.01																			.02
WENONA					.08																					.08
WEST FRANKFORT 8 E								.08	.26	.05																.39
—21st—																										
ALEXIS WATER WORKS		-	-	-	-	-	-	-	-	-	-	-														-
BELVIDERE SEWAGE PLANT																		.02	.04	.01						.07
CAMP ELLIS						.05	.07																			.12
CHICAGO CAL TREAT WKS														.01												.01
COLLINSVILLE																									.01	.01
DIONA														*	*	*	*	*	*	*	*	*	*	*	.03	.03
DOWNS 2 NE								.15	.01	.04																.20
DWIGHT STATE REFORM								.08																		.08
EFFINGHAM CAA	//														.02					.01	.11	.06				.20
FAIRBURY WATER WORKS	//						.08	.02																		.10
FARMER CITY									.12																	.12
HOOPESTON									.03	.01	.06	.03					.01									.14
HUDSON LK BLOOMINGTON							.06	.08																		.14
HUTSONVILLE	//																				.08	.22	.08	.01	.01	.40
KANKAKEE SEWAGE PLANT									.01	.01																.02
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-														-
LOUISVILLE																						*	*	*	*	*
MARIETTA						.30																				.30
MAROA SEWAGE PLANT								.19	.21																	.40
MASON CITY								.95																		.95
MC HENRY																				.05						.05
MORRISONVILLE																					.01	.01				.02
NEWTON																					.04	.21			.02	.27
PEORIA LOCK AND DAM	//					.08	.04																			.12
PEORIA WB AIRPORT						.06	.01																			.07
PIPER CITY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RANTOUL CHANUTE AF BASE	//									.05	.02	.02														.09
SPRINGFIELD WB AIRPORT	//									.03	.01															.04
SPRINGFIELD WB CITY										.03																.03
URBANA EXP FARM											.03	.15	.01		.01											.20
VANDALIA																					.02	.01		.01	.04	.08
WASHINGTON						.09			.01																	.10
WENONA								.04																		.04
—22d—																										
CHICAGO CAL TREAT WKS																			.03							.03
CHICAGO LOYOLA UNIV																		.01	.01							.02
CHICAGO N BRA PUMP STA																		.03								.03
CHICAGO SAN DIST DISPAT																		.01	.01							.02
CHICAGO SAN DIST OFF																			.01							.01
CHICAGO UNIVERSITY																			.04							.04
CHICAGO WB AIRPORT																		.01								.01
CHICAGO WB CITY																		.01								.01
COLLINSVILLE		.04																								.04
COULTERVILLE					.05																					.05
DANVILLE WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOUGLAS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EVANSTON PUMP STA																		.01								.01
LOCKPORT LOCK AND DAM																				.02						.02
LOCKPORT POWER HOUSE																				.01						.01
LOUISVILLE		*	.05																							.05
MC HENRY																	.03	.02	.01							.06
MT CARMEL WATER WORKS							.01	.01																		.02
PARIS SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIPER CITY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW					.03	.01	.01																			.05
SKOKIE N S TREAT WKS																		.02								.02
STICKNEY W SIDE TREAT																		.01	.01							.02
—28th—																										
BELVIDERE SEWAGE PLANT														-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO CAL TREAT WKS																	.07			.01	.01	.10			.01	.20
CHICAGO LOYOLA UNIV																									.01	.01
CHICAGO SAN DIST DISPAT																						.01				.01
CHICAGO SAN DIST OFF																						.01				.01
CHICAGO UNIVERSITY																	.01	.02	.01	.01	.01					.06
CHICAGO WB CITY																					.01	.02			.01	.04
EVANSTON PUMP STA																									.05	.05
KANKAKEE SEWAGE PLANT																			.02							.02
LOCKPORT LOCK AND DAM																	.04									.04
LOCKPORT POWER HOUSE																	.01	.01								.02
MC HENRY																			.04							.04
MT CARMEL WATER WORKS																					.01					.01

See reference notes following Station Index.

HOURLY PRECIPITATION

SEPTEMBER 1949

Station	A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
—29th—																									
CHICAGO CALUMET WKS					.01			.01																	.02
CHICAGO LOYOLA UNIV	.03				.10	.01																			.14
CHICAGO N BRA PUMP STA	.15	.01	.11	.02	.07																				.36
CHICAGO SAN DIST LISPAT	.03				.01	.05	.01																		.10
CHICAGO SAN DIST OFF	.01					.01	.01																		.03
CHICAGO UNIVERSITY				.01	.02		.02																		.05
CHICAGO WB AIRPORT	.02	.01				.04																			.07
CHICAGO WB CITY	.01	.01			.01	.03	.01																		.07
CRETE					.03	.01	.01																		.05
EVANSTON PUMP STA	.18	.01	.16	.05	.01																				.41
MT CARMEL WATER WORKS	.01	.01																							.02
SKOKIE N S TREAT WKS	.07	.11	.13	.08	.03																				.42
STICKNEY W SIDE TREAT	.01										.01														.02

DAILY TEMPERATURES

Table 5

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
TOLEDO	MAX	70	80	80	85	78	66	67	75	76	75	69	77	72	60	70	70	71	81	71	76	70	74	66	71	74	80	70	63	61	72		72.3
	MIN	43	54	59	63	59	52	57	46	47	47	56	63	50	40	44	46	54	62	48	43	56	44	40	39	44	48	51	44	33	36		48.9
ALTON DAM 26	MAX	78	80	87	87	87	87	84	75	82	80	78	76	68	66	63	64	78	81	80	79	81	77	70	73	74	80	79	66	64	70		76.5
	MIN	54	46	57	67	67	56	62	52	52	50	52	63	50	44	49	53	56	57	54	46	54	53	46	41	43	44	55	45	38	37		51.4
ANNA	MAX	76	80	88	87	87	86	81	76	80	79	80	78	73	68	58	61	85	79	82	86	83	78	70	70	73	80	81	72	63	69		76.9
	MIN	47	45	50	67	65	69	59	60	46	48	57	65	57	45	47	53	53	65	58	48	49	53	45	40	41	46	58	51	40	35		51.8
ANTIOCH	MAX	68	78	82	82	78	68	61	72	73	73	67	68	66	58	69	71	75	77	75	69	67	64	58	67	71	74	68	58	57	70		69.5
	MIN	43	50	54	62	53	52	52	46	47	48	57	60	50	40	43	49	54	62	49	44	56	49	40	37	43	45	51	43	32	37		48.3
AURORA COLLEGE	MAX	69	78	84	82	76	72	65	72	74	74	68	67	66	59	69	72	77	77	75	75	69	68	60	69	73	77	70	61	57	71		70.9
	MIN	39	42	54	69	59	53	51	43	45	45	58	60	44	34	38	42	51	51	45	38	49	45	40	30	39	42	48	40	29	29		45.1
BELLEVILLE SCOTT AF	MAX	86	86	86	86	83	79	82	71	78	79	78	72	67	63	61	63	78	78	78	78	82	76	67	68	71	78	77	64	60	68		74.8
	MIN	56	56	52	67	67	58	64	55	48	49	59	65	51	47	50	53	57	64	53	48	56	54		42	43	45	55	48	40	36		53.2
BLOOMINGTON NORMAL	MAX	79	79	85	84	78	76	78	73	75	80	77	66	68	65	70	69	72	80	75	75	75	74	73	70	72	78	76	71	62	71		74.2
	MIN	43	51	59	66	63	53	62	48	46	46	58	63	53	40	43	47	56	66	49	43	59	45	41	38	44	45	55	46	33	36		49.9
CAIRO WB CITY	MAX	75	81	87	89	82	85	82	76	78	78	80	82	75	69	61	63	80	79	84	79	82	81	70	70	75	78	83	72	63	69		77.2
	MIN	58	54	59	72	71	66	67	61	55	56	63	68	58	52	52	57	59	68	59	55	56	59	53	48	48	54	60	52	47	42		57.6
CARBONDALE SEWAGE PL	MAX	77	82	89	89	87	86	84	75	80	80	81	75	72	66	59	63	84	82	80	80	84	80	71	71	73	76	82	74	68	69		77.3
	MIN	47	40	45	69	64	56	58	60	42	52	52	66	60	42	49	55	54	67	54	44	49	56	46	37	37	41	53	49	41	31		50.5
CARLINVILLE 4E	MAX	72	79	88	88	82	74	78	81	76	73	69	63	68	63	76	80	77	77	77	75	65	68	70	77	78	66	60	69		74.3		
	MIN	43	41	62	66	67	55	67	57			53	38	50	46	56	65	50	46	55	45	39	33	38	48	57	45	36	28		49.5		
CARLYLE	MAX	75	83	87	88	83	78	82	75	79	79	79	72	70	64	64	63	79	79	79	79	83			73	74	81	80	68	63	74		76.2
	MIN	45	44	47	65	63	56	59	53	45	46	58	61	54	42	47	47	50	65	51	44	54		42		39	42	54	42	37	33		49.5
CHARLESTON	MAX	75	80	86	85	86	82	83	74	79	81	78	67	67	65	72	70	75	80	78	77	80	77	69	72	75	81	81	75	60	74		76.1
	MIN	46	46	49	66	60	55	62	49	47	46	56	57	58	40	50	47	57	66	50	43	55	49	42	37	41	44	56	49	36	34		49.8
CHICAGO HEIGHTS	MAX	70	75	84	81	68	66	67	73	73	77	74	70	58	62	72	74	78	81	71	75	69	71	62	70	74	79	75	64	61	74		71.7
	MIN	45	56	53	70	63	57	59	48	49	50	52	64	42	50	42	46	56	68	47	41	58	49	39	36	41	47	50	43	38	37		49.9
CHICAGO UNIVERSITY	MAX	67	78	83	82	71	70	66	69	68	74	69	67	67	60	70	73	79	78	68	66	66	66	62	60	66	73	77	72	58	54	71	69.5
	MIN	47	53	58	66	63	60	57	53	57	53	61	63	52	45	46	52	58	62	54	50	57	52	45	43	51	50	58	49	44	45		53.4
CHICAGO WB AIRPORT	MAX	68	79	85	85	72	72	66	72	73	79	70	67	67	60	71	75	80	79	70	73	69	65	61	68	75	80	72	58	58	73		71.4
	MIN	45	47	53	63	61	59	53	48	51	48	59	62	46	42	41	46	54	59	52	46	55	48	42	39	43	45	54	44	38	38		49.4
CHICAGO WB CITY	MAX	68	79	84	83	71	69	66	70	67	72	70	68	66	60	71	74	78	80	69	67	68	63	58	66	73	77	72	58	53	72		69.7
	MIN	48	45	63	70	63	63	55	54	61	57	63	64	50	48	48	55	56	61	54	53	58	45	46	47	52	54	61	47	44	46		54.4
CICERO	MAX	70	80	85	85	74	74	66	73	73	77	74	67	66	62	73	75	81	80	70	74	68	65	62	70	75	79	73	62	62	73		72.3
	MIN	44	46	52	62	61	57	60	46	50	47	59	61	54	40	42	45	55	65	50	45	58	49	42	38	43	44	54	45	37	37		49.6
DANVILLE	MAX	70	78	85	87	85	79	85	72	74	80	77	68	69	66	68	71	76	80	75	74	78	76	64	68	72	79	77	68	59	70		74.3
	MIN	45	43	45	66	66	65	61	50	44	39	54	60	55	39	50	43	55	63	51	42	55	43	38	34	38	42	56	51	41	30		48.8
DIXON	MAX	68	82	78	80	80	73	64	76	76	77	73	69	67	60	69	67	75	81	75	72	71	68	67	69	73	78	70	67	60	72		71.9
	MIN	39	42	54	60	59	47	55	39	42	43	57	62	49	36	47	44	54	63	49	38	56	44	37	34	37	44	47	42	28	30		46.0
DU QUOIN	MAX	75	81	90	88	88	81	86	77	79	83	80	76	70	65	60	64	81	79	79	77	84	77	68	69	73	80	81	71	60	69		76.4
	MIN	47	46	51	60	71	67	60	59	45	48	58	58	60	44	49	55	56	66	56	48	52	54	45	41	42	46	56	51	41	35		52.2
EAST ST LOUIS	MAX	79	81	89	90	83	82	84	76	80	81	80	73	69	64	64	64	79	81	82	79	84	80	71	72	73	80	82	69	62	70		76.7
	MIN	49	46	56	68	69	58	63	55	48	48	60	65	58	45	50	51	57	67	53	49	55	52	49	42	45	45	56	52	41	36		52.9
EFFINGHAM CAA	MAX	72	78	86	87	83	80	82	72	78	80	80	71	67	63	67	63	76	77	76	75	80	74	64	70	72	79	81	69	59	70		74.4
	MIN	45	45	45	66	60	53	58	46	44	46	57	60	48	40	48	46	58	54	47	41	51	49	42	36	39	42	51	44	35	31		47.6
E. LIZABETHTOWN	MAX	77	84	88	90	84	84	82	78	78	80	79	81	74	71	61	62	86	85	82	76	84	79	75	70	74	80	82	74	65	71		77.9
	MIN	50	58	52	59	67	63	60	62	48	50	64	64	67	47	49	52	56	67	60	47	49	54	47	41	42	48	57	53	56	34		54.1
FAIRFIELD	MAX	73	81	89	86	86	82	32	75	80	81	81	78	69	67	62	63	82	80	78	75	84	78	70	69	72	80	81	73	63	69		76.3
	MIN	47	46	61	67	68	59	59	56	46	47	55	61	62	44	49	48	59	60	54	47	51	56	46	40	42	46	57	53	41	35		52.1
FLORA	MAX	75	78	87	87	81	80	83	77	78	79	80										80	76	72	68	73	78	81	74	63	69		
	MIN	48	46	49	67	69	59	60	55	49	49	55										44	54	45	41	42	45	57	52	41	36		
FREEPORT	MAX	68	76	70	78	74	61	61	73	75	75	68	68	66	59	67	66	79	78	67	70	69	67	62	68	70	75	67	60	58	69		68.8
	MIN	39	47	55	59	56	44	53	38	39	42	56	60	46	37	41	45	54	59	47	37	52	45	36	32	36	46	44	38	26	30		44.6
FULTON DAM 13	MAX	68	77	73	80	76	69	62	73	73	75	68	70	70	62	67	67	70	78	69	72	68	69	62	71	70	75	70	60	61	69		69.8
	MIN	47	48	53	60	60	53	55	52	49	49	57	62	50	42	47	46	56	63	50	44	59	51	46	38	42	45	52	50	35	35		49.9
GALESBURG	MAX	74	80	85	83	78	67	70	76	77	79	69	77	64	56	70	67	71	80	71	75	69	75	66	72	74	74	73	61	63	72		72.3
	MIN	43	50	57	67	60	53	57	43	44	52	59	57	45	40	44	48	56	62	49	41	49	44	42	40	47	50	51	42	33	35		48.7
GALVA	MAX	70	80	82	84	78	69	69	74	74	78	70	77	74	62	71	66	71	80	70	75	70	73	65	71	74	78	71	63	60	73		72.4
	MIN	45	47	53	63	60	51	56	45	48	49	57	62	50	39	42	45	54	59	47	41	57	45	40	39	42	44	51	44	32	38		48.2
GOLCONDA DAM 51	MAX	72	80	86	86	79	83	82	74	76	80	78	80	72	68	60	64	80	78	84	87	82	80	68	68	74	80	81	74	62	68		76.2
	MIN	52	50	52	68	67	62	62	56	52	50	58	63	52	50	48	54	56	52	54	49	50	54	48	43	44	48	56	50	42	36		52.6
GREENVILLE	MAX	71	77	84	86	81	77	79	73	75	77	77	70	68	63	63	64	76	76	76	74	78	74	65	66	70	76	76	65	64	67		72.8
	MIN	48	48	53	66	68	57	62	52	52	50	57	62	55	45	49	50	56	58	52	49	53	51	45	43	44	48	53	48	39	38		51.7
GRIGGSVILLE	MAX	74	81	86	85	80	78	76	73	76	79	76	77	70	64	67	70	76	79	77	80	75	76	68	73	74	80	79	70	62	71		75.1
	MIN	42	49	64	68	56	50	57	45	46	46	56	60	50	43	46	46	62	52	50	46	61	47	39	40	42	45	59	41	32	39		49.3
HAINES [illegible]	MAX	76	81	91	92	89	86	89	75	83	82	84	80	73	69	64	67	88	80	83	80	85	80	70	70	74	83	84	73	63	70		78.8
	MIN	18	41	47	68	66	58	58	60	43	44	51	60	64	42	48	55	54	61	57	43	46	53	45	36	37	42	52	49	42	30		50.0
HAVANA	MAX	74	82	89	88	79	72	78	75	78	81	67	76	72	62	70	68	73	80	75	78	71	76	65	71	73	79	77	67	60	72		74.3
	MIN	45	44	54	68	62	55	60	48	45	44	60	64	54	42	44	48	55	60	56	43	60	45	43	37	42	43	55	45	36	32		49.6
HENRY	MAX	73	81	86	83	79	71	72	77	79	81	69	72	69	58	73	64	72	85	74	79	71	76	62	77	76	79	76	64	66	74		73.9
	MIN	42	46	57	62	62	51	61	45	46	45	60	64	51	39	43	46	55	60	46	42	56	46	39	38	40	44	50	42	29	32		48.0
HILLSBORO	MAX	76	81	86	87	81	78	83	75	79	80	77	72	69	62	67	61	75	79	77	78	78	76	66	70	73	78	79	65	61	71		74.7
	MIN	44	45	50	65	65	53	60	49	47	47	57	63	54	47	49	46	56	58	49	43	55	49	42	38	41	42	55	46	37	33		49.5
HOOPESTON	MAX	68	78	86	85	77	76	79	73	74	78	74	66	66	63	70	72	74	80	72	75	70	71	64	69	73	79	77	68	61	72		73.0
	MIN	44	43	48	62	65	54	60	47	46	48	54	60	54	38	49	43	53	67	52	41	55	43	39	35	38	42	55	48	35	30		48.3
[illegible]	MAX	77	82	86	84	80	72	80	74	79	80	71	74	70	64	70	65	77	82	78	80	75	77	67	74	75	80	80	67	65	73		75.3
	MIN	46	45	55	67	60	53	62	50	45	46	60	63	54	40	50	47	54	67	48	41	56	44	41	35	42	42	52	46	36	31		49.3
[illegible]	MAX														65	63	63	75	79	78	78	77	77	75	71	72	80	78	72	61	70		
	MIN														44	50	49	56	61	53	47	50	50	44	41	45	45	56	46	44	38		
JOLIET WB AIRPORT	MAX	68	78	84	83	76	73	68	74	75	77	68	66	66	59	70	73	78	80	70	72	69	70	61	69	74	79	73	60	61	72		71.5
	MIN	43	44	54	61	56	54	49	44	46	41	58	60	42	36	37	43	53	57	45	37	53	45	38	31	39	41	48	38	32	31		45.2

See reference notes following Station Index

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KANKAKEE	MAX	67	76	82	83	73	73	72	71	72	75	69	69	67	59	70	71	75	79	70	72	68	74	63	67	71	77	73	66	59	71		71.1
	MIN	44	47	51	62	65	52	61	46	49	43	56	61	54	39	45	46	54	67	52	43	58	49	41	37	41	42	56	47	38	34		49.3
KANKAKEE 4 W	MAX	64	76	82	83	72	71	72	70	70	75	73	68	66	60	67	71	75	76	71	70	68	67	66	65	71	77	74	65	57	70		70.4
	MIN	42	45	51	61	64	51	60	45	48	41	55	59	52	38	42	43	53	66	50	41	55	48	39	35	40	43	55	43	35	33		47.8
KEWANEE	MAX	69	79	76	70	72	69	65	69	72	77	69	68	67	56	70	60	70	78	69	73	70	72	63	70	74	75	71	63	66	68		69.7
	MIN	38	39	48	50	54	48	52	42	45	39	54	57	45	38	42	43	52	58	48	38	45	48	39	33	36	42	43	40	40	40		44.5
LA HARPE	MAX	72	80	86	85	79	73	71	75	79	78	73	77	75	58	70	69	73	82	76	77	74	76	70	71	73	78	78	65	60	71		74.1
	MIN	40	43	58	64	59	53	55	42	43	45	57	62	50	38	40	41	54	63	51	40	55	42	38	36	40	45	49	41	34	35		47.1
LA SALLE	MAX	70	82	87	84	78	70	70	74	76	81	70	69	69	57	71	69	77	82	71	77	71	73	63	71	76	80	73	62	61	74		72.9
	MIN	45	46	53	62	62	51	60	44	45	45	59	63	53	39	40	46	55	58	53	41	59	47	41	35	39	44	50	43	31	32		48.0
LINCOLN	MAX	73	81	86	84	80	72	80	75	77	80	69	71	68	65	71	63	75	82	75	78	70	76	66	71	74	79	80	65	62	72		74.0
	MIN	43	44	44	66	60	54	63	46	45	46	57	63	54	42	47	48	57	62	52	42	59	45	41	38	43	44	56	45	33	34		49.1
MARENGO	MAX	68	79	81	82	76	71	63	74	76	78	68	68	66	60	71	73	73	80	68	73	70	69	61	69	75	77	74	62	60	73		71.3
	MIN	40	46	53	59	57	48	56	42	43	43	55	59	50	38	42	46	53	62	47	37	57	46	36	31	37	45	50	40	28	34		46.0
MATTOON	MAX	72	77	84	85	81	79	81	71	77	79	77	69	66	62	69	66	74	78	74	74	77	73	64	68	70	77	78	68	56	70		73.2
	MIN	44	47	49	66	62	54	61	49	46	47	52	60	50	44	49	45	57	54	51	43	55	47	42	38	41	45	56	45	36	33		48.9
MC LEANSBORO	MAX	77	82	89	87	85	85	84	81	80	80	82	74	73	68	62	65	84	79	79	77	85	78	75	70	73	79	81	74	67	69		77.5
	MIN	51	46	51	68	68	49	60	58	48	47	51	63	64	46	49	50	58	66	56	49	49	52	48	42	42	47	55	54	42	36		52.2
MINONK	MAX	70	78	85	83	76	76	73	75	73	82	73	69	68	60	71	68	75	81	75	75	69	74	63	70	73	78	74	65	60	73		72.6
	MIN	40	43	51	61	61	51	60	44	46	42	57	58	51	38	40	43	54	65	49	39	59	45	39	32	40	42	50	43	30	34		46.9
MOLINE WB AIRPORT	MAX	68	80	78	82	75	60	63	73	75	75	70	76	67	60	69	70	73	80	69	76	69	72	63	70	73	78	70	60	60	72		70.9
	MIN	43	49	59	63	58	50	48	43	44	46	58	63	43	39	45	47	56	58	48	40	46	45	40	35	43	45	51	42	30	32		47.0
MONMOUTH	MAX	70	80	85	85	78	70	70	74	75	77	70	78	74	57	70	69	70	80	72	72	69	74	62	72	75	78	77	61	61	71		72.6
	MIN	41	44	54	58	60	51	56	45	52	46	58	59	50	44	41	42	52	63	56	39	57	42	40	34	43	44	48	43	33	33		47.6
MORRIS 3 NE	MAX	67	78	83	79	73	68	73	77	76	72	67	58	70	73	77	81	78	73	72	70	66	69	69	80	74	67	60	74		72.0	
	MIN	42	47	51	58	62	51	61	45	46	43	58	55	52	37	38	45	54	66	49	39	58	48	38	34	41	41	52	43	31	33		47.0
MORRISON	MAX	70	81	78	83	77	67	63	74	77	77	69	72	70	61	71	67	70	80	69	75	70	71	65	71	75	78	69	61	60	74		71.5
	MIN	38	41	50	58	55	46	50	41	42	42	54	55	46	35	40	42	52	60	46	37	54	45	37	32	38	41	48	40	27	28		44.0
MORRISONVILLE 1 E	MAX	74	80	88	89	81	82	83	74	79	81	76	74	69	62	70	62	75	80	77	78	76	75	65	70	72	79	79	68	61	70		75.0
	MIN	43	44	52	67	62	50	61	46	46	46	60	62	54	41	50	46	57	57	51	40	55	46	40	34	41	40	56	46	35	31		48.6
MT CARMEL	MAX	75	82	88	87	85	83	85	82	80	81	80	75	75	68	68	68	83	80	80	75	78	75	72	70	75	80	72	62	66	72		76.7
	MIN	48	50	53	69	70	60	60	56	48	50	55	62	62	45	50	50	60	67	55	47	52	55	45	40	42	46	56	42	42	36		52.4
MOUNT CARROLL	MAX	69	78	71	79	76	66	60	73	76	75	68	69	67	61	68	66	68	79	70	72	69	69	62	70	72	76	70	61	60	71		69.7
	MIN	41	48	57	60	56	46	53	40	41	42	57	61	48	38	43	48	55	61	50	37	59	49	40	31	35	48	52	42	27	29		46.5
MT VERNON	MAX	79	88	95	90	89	85	86	75	76	85	84	68	72	65	60	63	85	78	80	83	84	79	70	75	77	85	83	70	64	75		78.3
	MIN	44	42	47	62	65	55	55	52	42	42	53	57	57	40	50	50	52	56	50	44	45	49	43	38	39	42	50	47	36	30		47.8
NEW BURNSIDE	MAX	73	81	89	88	84	83	85	73	78	80	81	80	71	68	58	64	85	77	81	75	82	77	68	67	72	80	80	71	60	67		75.9
	MIN	45	42	50	66	64	58	59	60	42	47	55	65	57	43	48	53	53	65	57	46	53	53	45	37	40	46	57	51	40	33		51.0
NEWTON	MAX	75	84	90	89	81	80	79	78	81	80	84	75	69	66	73	67	79	83	79	81	73	78	72	75	77	81	83	75	67	76		77.7
	MIN	48	50	56	58	62	56	55	53	50												61	50	47	46	49	41	53	49	40	31		
OTTAWA	MAX	70	79	84	81	79	69	69	74	74	76	68	65	67	57	70	69	74	80	72	74	70	69	61	70	74	79	71	62	61	72		71.4
	MIN	46	49	53	61	63	52	62	46	48	47	60	63	53	41	42	47	55	65	52	43	60	50	41	50	42	45	53	45	32	34		50.0
PALESTINE	MAX	73	80	89	87	86	80	83	73	79	82	83	68	71	65	66	67	79	78	78	78	75	75	66	70	78	82	83	72	62	71		76.0
	MIN	45	45	48	67	68	56	58	52	44	45	54	60	46	42	48	42	58	63	60	42	52	50	42	36	37	41	56	51	39	32		49.3
PANA	MAX	75	83	90	92	86	85	87	76	80	85	84	71	68	65	70	65	77	81	78	79	82	78	66	73	75	82	83	70	62	73		77.4
	MIN	43	44	48	64	64	52	58	48	48	46	53	60	51	40	48	45	55	61	49	43	52	46	40	38	40	42	52	44	34	33		48.0
PARIS WATER WORKS	MAX			85	85	84	81	82	72	78	81	78	72	68	65	70	70	75	79	75	76	81	75	68	69	73	77	78	69	58	71		74.8
	MIN			51	68	67	55	62	50	47	46	53	60	56	41	49	46	55	66	51	42	56	47	43	36	42	45	58	43	38	36		50.3
PEORIA WB AIRPORT	MAX	71	80	87	86	77	68	73	74	76	79	69	71	68	58	69	65	72	80	72	75	67	75	63	71	72	78	74	61	60	70		72.0
	MIN	45	49	57	67	58	51	51	46	47	50	59	64	44	41	44	47	56	60	51	43	54	45	42	40	45	46	54	40	32	35		48.8
PONTIAC	MAX	67	75	80	80	74	70	74	70	70	75	69	67	66	58	66	68	73	78	69	71	67	70	63	66	70	76	73	67	57	69		69.9
	MIN	44	47	52	62	63	53	61	47	48	46	58	60	52	41	44	46	55	65	52	44	59	46	40	38	42	44	56	45	32	37		49.3
QUINCY	MAX	75	84	87	86	77	72	72	76	80	80	71	75	69	60	67	74	71	80	76	82	74	76	69	74	74	80	77	65	63	72		74.6
	MIN	45	50	63	70	61	56	60	49	47	54	58	64	57	44	45	53	58	62	52	46	60	48	43	42	49	50	51	45	35	39		51.9
QUINCY CAA	MAX	71	81	85	85	80	66	71	72	77	78	68	74	67	59	64	69	71	78	76	78	68	75	65	70	72	77	76	62	62	70		72.2
	MIN	41	45	59	64	56	52	51	46	45	48	57	64	45	41	43	50	56	56	48	44	50	43	39	39	44	46	48	41	33	36		47.7
RANTOUL CHANUTE AF	MAX	70	79	84	87	75	74	75	73	74	80	74	66	67	62	69	71	73	80	73	76	69	73	63	68	72	79	77	66	60	76		72.8
	MIN	45	43	50	64	65	57	57	50	50	50	56	62	50	44	52	47	57	60	54	47	52	49	42	43	42	46	58	44	38	41		50.5
ROBERTS 3 N	MAX	64	78	84	85	72	75	75	71	71	79	75	68	68	60	70	72	75	77	74	73	67	72	61	63	73	78	77	64	58	71		71.7
	MIN	42	45	49	62	61	50	60	46	46	42	56	61	52	39	44	45	54	65	49	43	56	45	40	37	41	40	56	45	35	35		48.0
ROCKFORD	MAX	70	80	79	78	78	70	64	75	77	79	70	69	67	61	72	73	75	81	72	72	70	65	60	70	75	77	72	62	60	74		71.6
	MIN	41	47	54	60	58	49	57	41	44	45	58	60	49	38	43	47	55	62	50	40	58	50	38	34	41	44	50	40	28	33		47.1
ROCKFORD CAA	MAX	63	79	80	79	78	66	62	74	76	76	69	66	67	60	71	72	72	80	68	70	70	64	60	68	72	76	70	60	59	72		70.1
	MIN	41	46	52	60	53	48	48	39	42	44	58	60	40	39	41	46	52	57	44	39	54	42	35	31	39	46	42	33	28	32		44.4
RUSHVILLE	MAX	73	81	86	83	78	67	74	75	78	80	73	77	75	63	68	69	71	80	75	78	71	77	69	71	74	78	78	63	62	72		74.0
	MIN	41	47	56	64	59	54	58	46	45	48	58	62	52	42	42	48	54	64	49	43	58	43	39	38	45	46	52	43	34	35		48.8
SPARTA	MAX	75	81	86	89	88	87	84	78	80	82	79	69	69	67	60	62	78	80	79	80	84	80	70	72	75	81	84	72	64	71		76.9
	MIN	46	45	50	67	67	58	60	57	46	46	54	63	57	44	48	53	54	65	56	48	55	51	46	40	42	46	56	50	39	33		51.4
SPRINGFIELD WB AIRPORT	MAX	71	79	84	85	77	72	80	72	76	80	73	72	68	62	69	63	75	79	74	75	70	74	64	70	71	77	77	64	60	70		72.8
	MIN	44	52	59	60	58	52	56	49	43	47	62	64	45	41	50	49	57	56	48	42	50	46	39	38	45	44	55	44	38	35		49.1
SPRINGFIELD WB CITY	MAX	72	81	87	86	78	74	82	72	76	82	73	62	68	64	69	64	77	80	77	78	72	76	65	70	72	79	79	65	60	71		74.0
	MIN	49	52	58	69	64	57	60	52	50	51	63	64	52	47	52	51	58	63	56	50	57	52	45	44	48	48	60	47	38	43		53.3
STOCKTON	MAX	68	76	74	77	75	64	60	72	75	76	68	69	68	59	68	65	68	78	71	70	68	68	60	69	71	75	69	57	60	70		68.9
	MIN	40	48	54	60	53	44	53	43	40	50	55	60	44	38	44	44	54	58	47	39	55	48	40	36	45	45	50	42	26	39		46.5
SYCAMORE	MAX	67	78	82	81	74	70	63	73	75	76	69	65	66	59	70	72	73	78	68	71	68	67	59	68	72	76	72	60	58	72		70.1
	MIN	40	44	49	58	57	48	57	41	43	44	56	59	50	35	41	44	52	60	46	38	57	47	37	33	38	42	47	41	28	35		45.6
TABLE GROVE	MAX	73	81	85	86	79	67	73	75	78	80	67	75	72	63	71	69	68	80	74	78	68	75	66	72	73	78	78	63	61	71		73.3
	MIN	42	49	59	62	59	53	58	47	48	49	58	67	52	43	44	48	50	62	50	48	57	47	40	48	47	47	53	42	34	41		50.1
TUSCOLA	MAX	76	78	85	86	83	82	85	78	78		76	72	70	64	70	68	74	80	78	75	74	71	77	71	71	78	79	72	61	71		75.3
	MIN	44	47	48	66	68	54	64	47	44		56	60	57	40	51	46	57	68	53	41	54	39	46	36	42	47	55	53	36	34		50.1
URBANA	MAX	72	79	85	86	77	78	82	74	75	80	75	68	68	63	69	69	73	80	75	77	68	76	66	72	73	79	79	68	61	71		73.9
	MIN	48	48	52	66	66	56	63	50	50	48	58	65	60	42	50	47	57	58	53	46	56	47	45	38	43	45	57	48	36	34		51.1
VIRDEN	MAX	74	81	86	85	79	74	80	73	78	78	73	72	69	61	68	62	75	80	76	78	77	75	67	71	73	79	78	65	60	71		73.9
	MIN	43	45	52	63	60	51	59	56	44	48	56	62	52	40	40	45	55	63	49	43	53	45	39	38	42	43	53	44	34	35		48.4
WALNUT	MAX	68	79	77	81	77	68	63	73	74	77	73	72	72	59	68	66	70	80	73	73	69	68	63	69	72	76	73	64	57	70		70.8
	MIN	42	48	51	55	60	59	56	41	43	49	57	62	50	40	44	46	54	59	48	41	58	48	39	37	43	47	51	42	29	40		48.0
WATSEKA	MAX	66	77	83	83	73	74	75	71	72	77	70	68	66	61	70	72	75	72	71	71	68	69	63	67	71	76	75	54	58	70		70.9
	MIN	43	45	49	64	64	51	60	47	46	42	55	60	54	39	44	44	53	65	50	42	56	45	41	36	39	41	56	48	39	33		48.4
WAUKEGAN	MAX	69	80	85	83	72	70	60	74	72	73	68	68	65	59	72	74	77	80	68	66	70	65	60	70	75	79	71	57	61	74		70.6
	MIN	42	44	52	60	58	52	53	44	45	45	59	60	51	39	41	47	53	61	50	42	56	47	39	37	41	43	50	42	31	37		47.4
WHITE HALL 1 E	MAX	74	80	87	85	80	77	79	75	78	80	76	72	70	65	67	65	76	83	77	78	78	77	76	73	73	78	79	76	63	70		75.6
	MIN	45	45	53	55	62	58	60	48	48	49	59	63	54	41	50	47	58	65	57	43	55	45	42	37	42	43	53	46	36	32		49.6
WINDSOR	MAX	73	80	86	87	83	81	83	76	78	80	78	71	67	64	68	65	75	79	79	75	78	75	67	70	72		78		60	70		74.9
	MIN	45	45	48	66	66	52	61	47	49	45	54	59	56	40	48	46	56	65	51	42	54	48	40	36	40				35	35		49.2

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	008[illegible]	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	529	7P	7P	J BON HARTLINE	2 3 5
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT [illegible]	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I [illegible]	2 3 5
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARRY	044[illegible]	PIKE	4	39 42	91 02	740		5P	GLADYS [illegible]	3
[illegible] TOWN	0492	CASS	1	40 01	90 26	444		7A	MATTHEW [illegible]	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
[illegible] SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
[illegible] SEWAGE PLANT	0583	BOONE	6	42 16	88 52	773		MID	EDGAR [illegible] BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	850	8P	4P	HARRY G JOHNSON	2 3 5
[illegible]	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA	0873	BUREAU	1	41 13	89 37	795		MID	CAA	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY D HOELTING	2 3 5
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER [illegible] SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 4 W	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN ISL	1420	GRUNDY	1	41 25	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	3
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PL	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CLINE BROWN [illegible]	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36			7A	BEN BURT	3
DANVILLE WATER WORKS	2150	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	CLOSED
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	WILLARD D STAGGS	3 4
DOWNS [illegible] NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	CAA	2 3 4 5
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 26	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 32	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	A C MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 N	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
[illegible]	34[illegible]	FORD	1	40 28	88 23	75[illegible]		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	34[illegible]5	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	348[illegible]	POPE	5	37 26	88 40	500		MID	US SOIL CONS SERV	3 4
[illegible]	[illegible]	POPE	[illegible]	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
[illegible]	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
[illegible]	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 02	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
[illegible]	36[illegible]	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
[illegible]	36[illegible]	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
[illegible]	3693	BOND	2	38 51	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5
[illegible]	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
[illegible]	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
[illegible]	38[illegible]	CALHOUN	1	39 09	90 37	760		6P	A B CAMPBELL	3
[illegible]	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5
HARRISBURG 4 E	38[illegible]	SALINE	5	37 44	88 28			6A	GEORGE H DAVIS	3
HAVANA	39[illegible]	MASON	1	40 18	90 03	451	7P	7P	L L EUTENEUER	2 3 5
[illegible]	3940	MASON	1	40 1[illegible]	90 04	460		7A	IRVING R STROH	3
[illegible]	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5
[illegible]	4108	MONTGOMERY	2	[illegible] 00	89 29	626	6P	6P	H A CRESS JR	2 3 5
[illegible]	4198	VERMILION	7	4[illegible] 28	87 41	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
[illegible]	4269	MC LEAN	1	40 4[illegible]	88 56	740		MID	ILL STATE WTR SUR	3 4
[illegible]	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
[illegible] PLANT	43[illegible]7	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 2[illegible]	91 01	554		8A	CORPS OF ENGINEERS	3 4
[illegible]	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	57[illegible]		MID	MUNICIPAL SEW TR	3 4
[illegible]	4489	JERSEY	1	39 07	90 20	635	6P	6P	EDWIN M PORTER	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
[illegible] WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5
KANKAKEE	45[illegible]	KANKAKEE	1	41 07	87 52	6[illegible]1	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	45[illegible]	KANKAKEE	1	41 08	87 56		6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
[illegible]	46[illegible]	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
[illegible]	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
[illegible]	4729	PEORIA	1	40 47	89 45			9A	MR BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
[illegible]	492[illegible]	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
[illegible]	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
[illegible]	4950	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
[illegible]	5036	MC LEAN	1	40 21	88 46	760		7P	G J LERF	3
[illegible]	5070	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5
[illegible]	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
[illegible] AND DAM	[illegible]	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	CHARLES H GRADY	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	7	39 23	87 43	606		6P	E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	CHARLES E FLINSPACH	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	4	40 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	PIATT	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 29	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	658	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	[illegible]	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 33	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	6	42 01	89 20	702		6P	LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M CADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 21	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	[illegible]	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	LEWIS TEBEAU	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 39	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA	7072	ADAMS	4	39 56	91 13		MID	MID	CAA	3 4 5
QUINCY DAM 21	7077	ADAMS	[illegible]	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 25			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 20	88 10	744	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	CAA	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE	7603	JASPER	7	38 56	88 01	448		7A	JUDSON E CAMERON	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	[illegible]	41 19	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 2 E	8604	BUREAU	1	41 18	89 30	512		6P	BERT L HAND	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST H ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 23	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 45	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	98 35	385		7A	PAUL F NICHOLS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	89 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5
- NEW STATIONS -										
DANVILLE HOSPITAL	2143	VERMILION	7	40 08	87 39	575	MID		LAKEVIEW HOSPITAL	3 4

‡ - DRAINAGE CODE: 1 Illinois, 2 Kaskaskia; 3 Lake Michigan, 4 Mississippi; 5 Ohio 6 Rock; 7 Wabash

See Table 6 following Table 1.

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record.
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record
R	Station equipped with recording gage only.
S	Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
Z	Hourly amounts from a recording gage at the same site may be found in Table 4.

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

OCTOBER 1949
Volume LIV No. 10



CHICAGO: 1949

ILLINOIS - OCTOBER 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

October averaged warmer and, over most of the State, much wetter than normal. Although precipitation was deficient over much of the northern division, heavy rainfall in most of the central portion and in all of the south resulted in the greatest average precipitation for October since the record month of 1941.

Temperatures were slightly under normal as the month began but rose rapidly and generally remained above seasonal throughout the first 3 weeks of October. Unusually warm weather prevailed from the 7th through the 10th, with afternoon temperatures in the middle 80's. Temperatures were unseasonably high also on the 19-20th.

Rain fell frequently from the 2nd through the 6th, many heavy amounts being recorded during this period.The next general precipitation occurred on the 10-11th,and in the extreme south also on the 12th. Several east-central stations reported over 3 inches of rain on the 11th, and the extreme south also received heavy rain on the 11th or 12th. Dry weather prevailed after the 12th until the 19th. The last rainfall period of consequence in October began on the 19th and continued through the 21st, precipitation amounts ranging from light to moderate to heavy in the central and south portions.

On the 10th high winds hit the State, being especially strong in the north and central portions. Property damage was minor, but large quantities of corn were blown down, making harvesting more difficult. On the 21st a windstorm at Jacksonville badly damaged a partially completed church building and uprooted several trees; property damage estimated $6,000.

The last 10 days of October were characterized by generally cool and dry weather. During the period only the 28-29th had temperatures markedly above normal. The lowest readings of the month occurred on the 26th, 27th, and 31st, on which dates temperatures below freezing were recorded throughout most of the State.

In northern and central Illinois corn picking was well along and soybeans combining was nearly finished at the end of October. Wet fields delayed the harvest in the extreme south. Winter wheat sowing was completed and the crop generally was up to a good stand in the north, while wetness had delayed seeding in the south. The last of a large apple crop was harvested during the month.

TEMPERATURE

The mean temperature for the State was 58.8°, which is 2.9° above normal for the month. The monthly mean temperatures ranged from 54.0° at Freeport to 63.2° at Cairo. The highest temperature recorded in the State was 91° at Henry on the 9th, and the lowest 21° at Aledo, Griggsville, and Quincy CAA on the 31st.

PRECIPITATION

The average precipitation for the State was 5.17 inches, which is 2.50 inches above normal for October. Total amounts recorded at various stations ranged from 10.53 inches at DuQuoin to 1.23 inches at Illinois City. The heaviest rainfall reported in any one day was 4.17 inches at Diona on the 11th. A few stations reported a Trace of snow during the month; normal snowfall for October is 0.1 inch.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Missouri Basin.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal Agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile					Trace	01–09	10–49	50–99	1.00–1.99	2.00 and over	Total			
CAIRO	[illegible]		7.9	30	NE	5					7	4	5	3	0	1	6.55	64	5.9	135
CHICAGO AIRPORT	[illegible]	19	9.4	45	S	10	78	85	54	69	4	1	4	2	0	0	2.73	65	5.2	276
JOLIET AIRPORT	S	16	10.2								3	2	2	3	0	0	2.53		5.4	313
MOLINE AIRPORT	S	13	9.0	56	SW	10	75	84	55	63	6	2	5	0	1	[illegible]	2.27	61	4.8	289
PEORIA AIRPORT	S	24	10.3	47	SW	10	79	86	59	65	3	3	5	1	1	0	2.71	59	5.2	266
SPRINGFIELD AIRPORT	S	22	10.2	44	S	10	82	89	63	72	2	1	4	2	2	0	4.60	61	5.2	268

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	53.0	94	22	2.83	T	9
1891	53.0	95	21	1.30	0	5
1892	55.3	93	16	1.17	0	5
1893	54.6	92	15	1.64	0	4
1894	55.1	92	22	1.46	T	7
1895	48.8	86	[illegible]	0.62	T	[illegible]
1896	51.4	87	16	1.29	T	4
1897	60.9	98	20	0.46	0	3
1898	52.4	90	14	4.06	1.0	11
1899	59.6	94	13	3.33	T	7
1900	62.0	93	23	2.48	0	6
1901	56.7	92	21	2.14	[illegible]	6
1902	57.3	93	23	2.15	0	6
1903	55.1	91	16	2.49	T	5
1904	55.1	88	21	0.70	T	4
1905	54.1	96	16	4.25	T	8
1906	54.3	86	16	1.65	T	5
1907	53.1	89	17	1.67	T	5
1908	55.1	91	15	0.47	T	3
1909	51.7	94	13	2.58	T	[illegible]
1910	58.2	97	10	3.37	0.1	5
1911	54.3	92	19	2.89	T	10
1912	56.5	91	22	3.27	T	7
1913	53.7	91	17	3.74	0.9	10
1914	58.1	88	18	3.09	T	7
1915	57.0	86	20	0.84	T	4
1916	55.3	93	23	2.91	0.7	[illegible]
1917	46.9	89	15	2.93	0.8	9
1918	58.3	90	28	3.14	T	[illegible]
1919	58.5	95	21	6.83	0	13
1920	60.8	90	19	2.06	0.1	7
1921	55.9	86	27	2.39	T	7
1922	58.7	96	22	2.27	0.0	6
1923	52.0	86	18	3.73	0.2	7
1924	60.3	92	21	1.02	0	[illegible]
1925	46.6	90	1	3.94	2.3	14
1926	54.9	92	20	3.79	T	10
1927	59.2	92	26	3.82	T	7
1928	58.2	95	17	4.15	0	10
1929	54.4	85	26	3.45	1.9	11
1930	53.7	90	16	2.20	T	6
1931	59.8	91	28	3.67	T	11
1932	54.6	86	21	3.83	T	7
1933	54.1	[illegible]	20	2.80	T	9
1934	58.5	[illegible]	23	1.66	T	4
1935	56.2	93	23	2.06	T	9
1936	55.4	88	16	3.23	T	9
1937	53.1	92	17	3.52	T	[illegible]
1938	60.3	96	24	1.36	T	3
1939	58.0	96	22	2.16	T	7
1940	60.2	94	26	2.15	0	6
1941	59.2	97	21	9.14	T	16
1942	56.2	89	15	1.91	T	7
1943	55.1	89	21	2.08	T	7
1944	56.1	94	21	1.21	T	3
1945	53.9	84	24	1.66	T	[illegible]
1946	59.7	93	26	3.18	T	6
1947	63.6	92	28	3.13	0	7
1948	53.3	85	16	1.93	0	7
1949	58.8	91	21	5.17	T	8
PERIOD	55.9	98	1	2.67	0.1	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station	Temperature						No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max depth on ground	Snow, Sleet, Hail: Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	58.3	4.2	88	8	21	31		4	2.04	- .49	1.25	6				5	2	1
ANTIOCH	55.5	3.8	83	8	27	26		4	2.16	- .56	1.16	6				5	2	1
AURORA COLLEGE	57.5	5.6	86	8	30	26+		2	2.87	.00	1.30	6				7	3	1
CHICAGO HEIGHTS	58.0		87	9	27	26		3	3.40	.70	1.01	6				10	5	1
CHICAGO UNIVERSITY	58.4	4.4	85	8+	34	26			3.14	- .61	1.08	6				7	3	2
CHICAGO WB AIRPORT	57.2	4.7	87	8	30	26		4	2.73	.17	.82	6				7	5	
CHICAGO WB CITY	59.2	4.1	85	8+	35	26			3.40	.84	1.21	6				10	4	1
CICERO	58.2	4.1	88	9	30	26		3	3.25	.64	.98	6				8	4	
DIXON	56.8	4.3	87	8	23	26+		5	2.35	- .51	1.16	6				6	2	1
FREEPORT	54.0	2.7	85	8	22	26		9	1.64	-1.07	.84	6				9	2	
FULTON DAM 13	57.2	4.2	85	8	29	31		4	3.15	.56	.90	21				7	4	
GALESBURG	58.5		87	8	24	31		4	2.39	- .22	1.62	6				6	2	1
GALVA	57.8	3.8	87	8+	23	31		4	2.66	.07	1.95	6				7	2	1
HENRY	59.8	5.4	91	9	26	26	1	4										
JOLIET WB AIRPORT	56.0	4.4	86	9	23	31		6	2.53	- .29	.94	6				7	3	
KANKAKEE	57.7	3.5	86	9	27	27		3	3.02	.29	1.07	6				10	3	1
KANKAKEE 4 W	56.9		86	9	26	27		4	2.60	- .10	1.11	6				10	3	1
KEWANEE	56.1	2.8	86	9	23	31		6	2.64	.02	1.98	6				6	2	1
LA SALLE	58.7	4.0	89	8	27	25+		5	1.93	- .57	1.34	6				6	1	1
MARENGO	56.0	4.5	86	8	24	26		6	2.24	- .53	.95	6				7	2	
MINONK	57.1	2.8	88	8	24	26		6	2.54	- .03	1.26	6				7	3	1
MOLINE WB AIRPORT	57.0	5.0	87	8	25	31		5	2.27	- .12	1.39	6				7	2	1
MONMOUTH	57.2	2.8	86	8	23	31		4	1.71	- .96	.92	6				6	3	
MORRIS 3 NE	57.5	3.9	88	8+	25	26		5	2.80	.16	1.22	6				7	3	1
MORRISON	55.6	2.3	88	8	22	26		6	2.07	- .56	1.01	6				5	3	1
MOUNT CARROLL	55.4	3.9	86	8	24	26		4	1.60	-1.07	.64	6				8	2	
OTTAWA	58.8	4.7	88	8	27	26		4	1.60	- .95	1.01	6				7	1	1
PONTIAC	57.6	2.0	85	8	28	26		4	2.12	- .53	.96	6				11	2	
ROCKFORD	57.1	4.8	86	8	24	26		5	1.88	- .96	1.04	6				5	2	1
ROCKFORD CAA	54.6	4.6	86	8	24	26		7	1.51	-1.30	.92	6				4	2	
STOCKTON	54.9		85	8	22	31		5	1.72	- .86	.68	6				10	3	
SYCAMORE	55.6	3.9	85	8	24	26		5	2.36	- .66	1.07	6				6	2	1
WALNUT	57.2	3.7	85	8	24	31		5	2.11	- .63	1.25	6				7	2	1
WAUKEGAN	55.6	3.7	85	8	27	26		5	2.01	- .71	.97	6				8	2	
DIVISION	57.0	4.0							2.38	-0.03								
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	59.3	4.1	87	9	27	26		4	3.51	.70	1.17	6				10	5	1
CARLINVILLE 4 E	57.9	0.8	86	8	23	27		4	6.24	3.03	1.65	11				11	7	2
CHARLESTON	59.8M	3.4	85	8	29	27		2	7.94	4.70	2.12	11				8	6	4
DANVILLE	58.9	5.3	88	8	26	27		4	6.35	3.46	2.90	11				8	4	3
DECATUR	59.5	3.3	88	8+	30	26+		4	5.88	2.73	1.40	11				11	6	3
EFFINGHAM CAA	58.7	3.3	86	7+	26	31		4	7.95	4.67	3.99	11				9	7	2
GRIGGSVILLE	59.2	2.1	88	9	21	31		2	3.22	.26	1.22	5				5	3	2
HAVANA	58.5	2.9	87	8+	26	31		4	3.46	.91	1.67	6				7	4	1
HILLSBORO	58.4	0.9	86	8	26	27		5	6.65	3.43	2.28	11				12	7	2
HOOPESTON	58.4	3.8	88	9	27	27		4	6.42	3.46	1.95	3+				9	5	3
JACKSONVILLE	59.0	2.8	89	8	26	31		4	5.19	2.23	1.97	21				7	5	3
LA HARPE	58.5	3.4	86	8	22	31		4	2.47	- .06	1.04	6				7	3	1
LINCOLN	58.5	3.1	89	9	27	31		4	3.69	.85	.96	5				10	6	
MATTOON	58.3		84	8+	30	27+		3	7.14	4.04	3.22	11				10	6	2
MORRISONVILLE 1 E	58.1	2.0	86	8	26	27		4	5.04	2.18	1.83	11				9	7	1
NEWTON	61.6	5.2	87	8	26	27		1	5.62	2.40	2.29	6				7		2
PALESTINE	60.1	2.5	87	9	26	27		3	8.03	4.83	1.90	5				10	6	5
PANA	58.5	1.6	90	9	27	27	1	4	7.94	4.87	2.94	11				12	7	2
PARIS WATER WORKS	60.0	4.0	86	9	29	27		1	8.51	5.49	3.95	11				7	6	2
PEORIA WB AIRPORT	57.4	3.9	85	9	26	31		3	2.71	.42	1.05	6				10	3	1
QUINCY	58.9	2.2	88	8	25	31		2	3.99	1.55	1.41	20				9	4	2
QUINCY CAA	57.4		87	8	21	31		5	4.20	1.76	1.25	21				9	5	2
RANTOUL CHANUTE AF	58.2		85	8+	31	26+		3	9.90	7.13	2.52	3				8	8	4
ROBERTS 3 N	57.0	2.6	86	9	27	27		4	4.94	2.29	1.78	3				9	4	2
RUSHVILLE	59.2	3.0	88	9	26	31		4	3.38	1.10	1.55	6				7	4	1
SPRINGFIELD WB AIRPORT	57.9	4.3	86	8	27	31		4	4.60	2.07	1.10	5				9	6	2
SPRINGFIELD WB CITY	59.6	3.8	87	8	30	31		1	5.39	2.86	1.80	2				10	5	2
TABLE GROVE	59.5	3.5	88	8	24	31		2	3.01	.53	1.49	6				7	3	1
TUSCOLA	59.4		84	8+	31	26+		2	6.89	3.80	3.27	11				8	6	2
URBANA	58.9	4.0	86	8+	31	27		2	7.73	4.91	1.91	11				11	6	4
VIRDEN	57.6		85	8+	25	31		5	6.53	3.50	1.63	21				7	7	3
WATSEKA	58.0		87	9	27	27		3	4.74	1.95	1.48	3				11	6	1
WHITE HALL 1 E	59.7	3.0	88	8	26	31		4	4.90	1.63	1.44	6				11	6	2
WINDSOR	58.5	2.3	86	8+	28	27		3	8.09	5.10	3.01	11				10	8	2
DIVISION	58.8	3.1							5.65	2.98								
SOUTHERN DIVISION																		
ALTON DAM 26	59.0		87	8	28	31		4	6.54	3.37	1.53	11				12	8	2
ANNA	61.2	1.0	84	9+	31	27		1	9.99	6.42	2.52	5				12	7	5
BELLEVILLE SCOTT AF	59.6		85	8	29	31		2	6.80	3.78	2.55	11				10	5	3
CAIRO WB CITY	63.2	2.7	84	11	35	31			6.55	3.79	2.94	5	T			13	6	1
CARBONDALE SEWAGE PL	61.0	1.7	86	9	28	27		2	9.79	6.32	3.70	6				9	8	3
CARLYLE	59.3	1.4	88	9	27	27		4	7.80	4.44	3.00	11				10	8	1
EL DORADO	60.7	1.6	84	9	31	27		1	10.53	7.53	2.36	12				9	8	6
EAST ST LOUIS	60.9	1.3	88	8	31	31		2	6.98	4.01	1.74	11				9	6	4
ELIZABETHTOWN	63.0		86	9+	35	31			7.64	4.35	1.62	6	T			13	8	4
FAIRFIELD	62.2	3.5	87	19	32	27		1	7.38	4.21	1.74	21				11	7	4
FLORA	61.3	3.7	86	10	29	27		1	8.23	4.97	2.00	6				8	6	4
GOLCONDA TOM J	61.5	2.4	85	9	30	31		1	5.69	2.39	1.67	6				11	7	2
GREENVILLE	59.6	1.8	85	8	29	31			6.41	3.11	2.13	11				10	6	2
HARRISBURG	61.2	1.1	88	9	28	27		1	7.70	4.31	1.90	12	T			9	7	3
MT VERNON	62.1	3.0	87	11	32	27		1	8.71	5.70	1.76	4				10	7	5
MT VERNON	62.1	2.9	86	10	31	27		1	7.32	3.82	1.65	6				9	7	4
MT VERNON	59.1	0.7	88	9	29	31		5	9.09	5.77	1.95	6				10	9	4
NEW BURNSIDE	60.8	1.3	85	20	27	27		2	7.85	4.35	1.89	5	T			13	8	2
SPARTA	61.1	1.7	87	8	31	27+		2	10.51	7.05	2.64	4				9	9	3
DIVISION	61.0	2.0							7.97	4.94			T					
STATE	58.8	2.9							5.17	2.50			T					

See reference notes following Station Index

Table 3

DAILY PRECIPITATION

ILLINOIS

OCTOBER 1949

Station	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALBION			.39	.65	.75	1.21						1.44								.27	1.17											5.88
ALEDO			.09	T		1.25				T									.12	.13	.36	.09							T		2.04
ALEXIS WATER WORKS R				.02	.23	.92				-									-	-	-								.02		-
ALTON DAM 26		.17	.53	.06	.29	1.45	.02				1.53	.76				.04			T	.46	.90	.33									6.54
ANNA			1.42	.84	2 52	1.19		.16				1.94				T				.51	1.27	.04	.01	.07	T				.02		9.99
AWNAWAN			.15		T	1.57				.09												.53							T		2.34
ANTIOCH						1.16	.03	T		.15									T	.23	.59			T							2.16
AUGUSTA HIGH SCHOOL R					.65	68			.10											.72	.55								.02		2 72
AURORA COLLEGE			.71	.02		1.30	.02			.10										.12	.60										2.87
BARRY			.01	.01	.40	1.31				.25	.02	T			.03				.04	1.04	.83	T							T		3.94
BEARDSTOWN			.10	.03		1.64				T	.09	.10								T	1.31	.10									3.37
BEARDSTOWN LGRNG DAM R		.09			1.34	.53				.07										.83	.62										3.48
BELLEVILLE SCOTT AF Z		.12	.06	.14	1.69	.09	T			.27	2.55								1.13	.13	.62										6.80
BELVIDERE SEWAGE PLANT R						1.19				.12											.64										1.95
BENTLEY				.03	1.22				.08	.02					.03				.04	.86	.38	.07							.03		2 76
BENTON			.55	.65	1.65	1.60						1.70								.58	1.32										8.05
BLOOMINGTON		.10	.88	.01		1.02	.03	T			.40	.15									.96	.02									3.57
BLOOMINGTON NORMAL		.06	.80			1.17		.02		.01	.46	.10								.44	.42	.03									3 51
BLUFFS		.15			.18	1.69				.09	.13							T		.58	1.65										4.47
BRADFORD CAA		.08	.19	T	.04	1.97			T	.06					T				.01	.02	.57				T				.01		2.95
BROOKPORT DAM 52			.34	.63	.70	2.58			1.55			.35	T							.02	.16	.20		.04	T					.10	6.67
CAIRO WB CITY R		.48	.52	.96	2.94	.01		.71	T	T	.18	.28				T		T	T	T	.07	.02	.08	.20					.10	T	6.55
CAMP ELLIS R		-	-		.73	1.17				.03										.60	.58										-
CANTON		T	.30	.02	T	1.65				.18	.02									.50	.52	.22									3.41
CARBONDALE SEWAGE PL			.63	.86	.65	3.70		.05				2.14				T				.30	.44	1.02		T							9.79
CARLINVILLE 4E		.85	.64	.04	.37	1.24				.07	1.65	.03							.03	.71	.61										6.24
CARLYLE		.05	.82	.11	.84	.78				T	3.00	.28							.31	.76	.85										7.80
CARMI		.01	.68	1.02	.65	.02					.15	1.62								.10	.92										5.17
CASEY			.94	.12	.68	1.90					2.95	.58								.23	.42										7.82
CENTRALIA 4 W		.10	.75	.05	.65	1.15					2.35	.25							.30	.70	1.32										7.62
CHANDLERVILLE			.75		.02	1.75				.08	.18				T				T	.75	.55										4.08
CHANNAHON DRESDEN ISLD			.42	.02	T	.98	.21				.16	.04								.01	.45	.17										2.46
CHARLESTON			T	1.55	.12	2.07					2.12	1.34								.35	.37	.02										7.94
CHENOA		.48	.43	.01	.06	.92		.06		.21	.24									.10	.30										2.81
CHESTER				.07		.35	1.30					1.88							.42		.45	1.02										5.49
CHICAGO CAL TREAT WKS R		.24	.31		.01	1.05	.01			.23	.06									.43	.38											2.72
CHICAGO HEIGHTS		.05	.46	.02	T	1.01	T			.35	.05									.75	.60	.09			.02							3.40
CHICAGO LAKEVIEW PUMP R		.53	.57	.21		1.27				.39	.05									.48	1.03											4.53
CHICAGO LOYOLA UNIV R		.48	.82	.05		.98				.20	.03									.10	.47											3.13
CHICAGO MAYFAIR PUMP R		.65	.44	.37		1.17				.27	.03									.27	.70											3.90
CHICAGO N BRA PUMP STA R		.44	.46	.19		1.02		.01	.01	.24	.03									.22	.46											3.08
CHICAGO ROSELAND PUMP R		.11	.35			1.54				.13	.07									.52	.50											3 22
CHICAGO SAN DIST DISP R		.25	.52	.02	.01	.99				.17	.07									.23	.63											2 89
CHICAGO SAN DIST OFF R		.37	.42			1.22				.17	.06									.13	.68											3.05
CHICAGO S FILTER PL R		.16	.26		1.00					.48	.04									.24	.32											2.50
CHICAGO SPRINGFLD PUMP R		.61	.48	.01		.75				.29	.05									.54	1.17											3.90
CHICAGO UNIVERSITY R		.10	1.07	T		1.08				.15	.06									.23	.45				T							3.14
CHICAGO WB AIRPORT R		.29	.33	T	T	.82				.18	.08								T	.31	.72				T							2 73
CHICAGO WB CITY R		.31	.74	.01	.01	1.21				.15	.06								T	.20	.70	.01			T							3.40
CHILLICOTHE			.26	.02	.01	1.10		.05		.04	.02								T	.11	.25	.20										2.06
CICERO			.61	.05		.98				.26	.05								T	.21	97	.12			T							3.25
CISNE BROWN CAMP R		.08	.53	.02	2.83	.10		.05			*	1.50							.05	.30	.94										6.40
CLINTON 1 S	1 16	1.59		T	T	1.06				T	.68								T	.75	.52	T										5 76
COLLINSVILLE R		.04	.15	.20	2.03	.05				.21	1.33	.12							.80	.15	.47											5.55
COULTERVILLE R		.49	.41	1.63	1.27	.20				.10	2.53								1.33	.19	53											8.68
CRETE R		.38	.22			.90				.29	.11									.67	.49	.01										3.07
DANVILLE			1.02	.05	.04	1.30					2.90	.17								.20	.67											6.35
DANVILLE WATER WORKS R		.13	.84	.02	.72	56		.03		.14	2.73	.01								.21	.62											6.01
DECATUR		1.02	.49		03	.92	02			.10	1.40	T							02	.73	1 10	.05										5.88
DES PLAINES 1 NW			.62	.09	.11	.91	02	02		.13	.05									.18	.61	.10										2.84
DIONA R					1.69	.86					4.17									.48	.30											7 50
DIXON				.07		1 16				.15										.18	76	.03										2 35
DOUGLAS R		.59	.01		.30	1.20		.02		.20	.03									.30	38											3 03
DOWNS 2 NE R		.59	.58		.15	90				*	.59									.30	45											3 56
DU QUOIN			.43	1.51	1.76	1 40					.10	2.36							12	1.20	1.40											10 53
DWIGHT		T	.62	.03		1.18				.03	08				.01					01	12											2.08
DWIGHT STATE REFORM R		.74	.11		.03	1.04				.05	.05										.23											2.25
EAST ST LOUIS		.27	T	1.40	1.52	.07				T	1 74				.08				1 06	.24	60											6.98
EDWARDSVILLE	T	.17	.24	T	.21	2 36					2.09	T							12	1.00	62	.11	02									7.24
EFFINGHAM CAA Z		.32	32	.06	1.80	.67		T		13	3.99	T							T	36	.30	T									7.95
ELGIN			T	.22		1.19	03			.43										01		.84	.28							T		3.00
ELIZABETHTOWN		.03	1.04	1.17	1.06	1.62		.96				.62								.35	.58	.05		.03	T				.11	.02	7.64
ELSAH		.06	.19	1.10		.44	1.66				1.85								.64	.72	.81	.87										8.34
EVANSTON PUMP STA R		.23	.87	.03			.95			24	01									.04	.63											3.00
FAIRBURY WATER WORKS R//		.60	.52		*		1.17			.23	.17									.25	.22											3.16
FAIRFIELD			.45	.05	1.12	.06		.72	.42		.10	1.40								1.30	1 74	02										7 38
FARMER CITY R		2.08	1.17		.30	84				.36	.62									.25	.54											6 16
FLORA			.90	.40	1.25	2 00					T	1.85							.10	.23	1 50	T											8.23
FREEPORT			T	.06		.84	.22			.05									.01	.04	.30				.10				.02			1 64
FREEPORT SEWAGE PLANT R			T		.06	.35	.52				.09									T	.33	.15				T			.02			1.52
FULTON DAM 13 Z					.27	.72	.21				.11									.80	.90	.14				T			T			3.15
GALENA				.05		.57	.48			.22									.06	.01	.40					.02						1.81
GALESBURG			.01		T	1.62				.10										.39	.24								.03			2 39
GALVA						1.95				.12									.02	.11	.34	.09								.03			2.86
GENESEO			.01	.02		1.48				.05									.02	.03	.47	.03							T			2.11
GIBSON CITY		.03	3.70	.01	T	1.65	.01				.38	.46							T	.01	.67											6.92
GLADSTONE DAM 18			.64	T	T	.68	.01				.05				T				T	.31	.61	.10							.04	T		2.44
GLENDALE EXP FARM R		.25	.67	.64	2.48			.51			.20	.44							.04	.03	.23	.04	.06						.10			5.69
GOLCONDA DAM 51 Z			.45	1.05	.65	1.67		T	.53			.72	T							.06	.02	.36		.04	T					.14	5.69
GOLDEN			T	T	.33	1.01				.18										1.00	.48								.06			3.06
GRAFTON		.05	.30	T	.23	2.07	T				.63	.92								.68	.94	.40										6.22
GRAND TOWER 2 N			.93	.73	1.72	1.64		T			.17	2.35								.32	.98									T		8.84
GREENFIELD R		.60	.14		1.35	.27				.12	.61								.08	.54	.81											4.52
GREENUP			.82	.10	.22	2.65					1.58	2.32								.21	.53	T										8.43
GREENVILLE		.22	.61	.04	.57	.81					2.13	.12							.18	1.04	.69											6.41
GRIDLEY		.09	.63	T	.15	.90		.04		.04	.17									.28	.38											2.68
GRIGGSVILLE			T		1.22					.08	.10									.62	1.20											3.22
HARDIN		.74		.16	1.80															1.50	1.26											5.46
HARRISBURG		T	.85	1.30	1.63	.58		.03		T		1.90							T	.99	.33		T	T					.09	T		7.70
HARRISBURG 4 E			.21	.38	.74	1.90			.10			1.45								.36	.80	.18		T						T		6.12
HAVANA			.40	T	T	1.67				.14	.06								T	.53	.54	.12							T			3.46
HAVANA NO 2			.38		T	1.65					.12	.08								T	.99	.14										3.36
HENRY			.23		.02	1.02		.02		.09	.02									T	-	.03										-
HILLSBORO		.69	.69	.03	.49	.79	.02			T	2.28				.05	.01			.09	1.07	.44											6.65
HOOPESTON Z		.10	1.95	.02	T	1.40		T			1.95	.25								.20	.45	.10										6.42

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
HUDSON LK BLOOMINGTON R		.50			.01	.99				.06	.18									.14	.23											2.11
HUTSONVILLE R		01	.66	.03	1.67	.28		.10			1.01	.02								.15	1.04											4.98
HUTSONVILLE POWER PLA			.59	.32	.03	2.17	.02		.30			1.40									.30	1.01										6.14
ILLINOIS CITY DAM 16 Z						.62	T				.11									.18	.17	.13								.02		1.23
JACKSONVILLE			.07		.35	1.38				.07	.35								T	1.00	1.97											5.19
JACKSONVILLE SEWAGE PL R		.10			1.30	.33				.05	.33									1.00	2.05											5.16
JERSEYVILLE		.45	.12		.53	1.60				.05	1.80				.01				.23	1.30	.67											6.76
JOLIET BRANDON RD DAM			.67	.02	T	.75	.13		.05		.12	.06								.04	.83	.20										2.87
JOLIET WB AIRPORT		.57	.03	T	T	.94		T		.17	.05									.11	.66											2.53
KANKAKEE		.06	.87	T		1.07	.01			.23	.54						.03	T		.05	.11	.05										3.02
KANKAKEE 1 W		.06	.65	T	.02	1.11		T		.10	.35	.02					T			.10	.15	.04										2.60
KANKAKEE SEWAGE PLANT R		.40	.24			1.00				.36	.13									.12	.04											2.29
KEITHSBURG				T		.75	T				T									.20	.60	.02								T		1.57
KEWANEE			.10			1.98				T									.16	.05	.25	.10								T		2.64
KEWANEE BAKER PARK R		.03	.06		.03	1.97				.05									.04	.06	.32											2.56
LA HARPE			T	T	T	1.04				.03					.02				T	.97	.32	.05								.04		2.47
LAMARK R			.05	.07		.80				.09											.80											1.81
LA SALLE			.19	T	T	1.34	T	.02		.06	T								T	T	.23	.09			T							1.93
LAWN RIDGE R		.33	.25		.46	1.37				.13										.05	.26											2.85
LAWRENCEVILLE			.64	.03	.72	1.68		.16				1.18								.85	2.07											7.33
LE ROY		.59	1.40	.02		.98		.17		.36	.35	T							T	.40	.35											4.62
LINCOLN		.33	.49	T	.09	.96		T		.13	.41				T				.01	.53	.71	.03										3.69
LINCOLN NO 2		.01	.79	.02	T	1.06						.30								T	1.13	.04										3.35
LOCKPORT LOCK AND DAM R		.34	.09			.93		.09		.15	.04									.53	.67											2.84
LOCKPORT POWER HOUSE R		.37	.09			1.06		.10		*	.21								T	.54	.62											2.99
LOUISVILLE R		.09	1.16	.03	2.62	.35					1.38	.07							.15	.33	.78											6.96
MACKINAW		.03	.87		.02	1.10		.12		.14	.08									.31	.36											3.03
MACOMB			.02	T		1.25				.12					.04				.01	.65	.41	.01								.03		2.54
MARENGO						.95		T		.20									.01	.04	.87	.15			.02							2.24
MARIETTA R				-	-	-				.08										.35	.48											-
MARION		.02	.88	2.69	1.54	1.22						1.72								1.24	1.06	.04										10.41
MAROA R		-			.38	.65				.17	.71									-	-											-
MARSEILLES LOCK			.12	.03		.85	.19	.11			.06	.02									.28	.09										1.75
MARSHALL 1 W			.75	.08	.87	.41					.45	.93								.30	.37											4.16
MASCOUTAH		.08	.02	.08	.29	1.36	T	T			1.32	.14							.59	.86	.79			T								5.73
MASON CITY R		.82	.03		69	64				.09	.13									.40	.60											3.40
MATTOON		.24	.52	.04	1.16	.93				.09	3.22									.40	.53	.01										7.14
MC HENRY R						.83	.02	.13		.30									*	.05	.70											2.03
MC HENRY 2 S			.04			.98		.28		.16									.03	T	.72				.02					T		2.23
MC LEANSBORO		.03	.55	1.76	1.00	1.42		24			.05	1.61							T	.53	1.52											8.71
MEDORA		.53	.15	.10	.74	1.15			T	T	2.10	.05						.15	.75	.60	.76											7.08
MINONK			.51	T	.21	1.26		.03		.10											.30	.13											2.54
MOLINE WB AIRPORT Z		T	T	T	.15	1.39			T	.19									.05	.13	.35				T			T	.01			2.27
MONMOUTH			T	T		.92				.05									.01	.36	.32									.05		1.71
MONTICELLO		1.15	1.63			1.58					2.38									1.17	.81											8.72
MORRIS			.44	T		.73	.32			T	.08	.05								T	.76	.10										2.48
MORRIS 3 NE			.38	T		1.22		T		.14	.04									.14	.78	.10										2.80
MORRISON			T	T		1.01				.10									T	.48	.38	.10			T							2.07
MORRISONVILLE R		.50	.44		.68	.22				.23	1.65								.11	.90	.30		.05									5.08
MORRISONVILLE 1 E		.42	.47	T	.39	.59				.03	1.83				.13				T	.82	.36											5.04
MT CARMEL			.44	1.31	.70	1.65		.05				1.36								.50	.19	1.12										7.32
MT CARMEL WATER WORKS R		.04	.39	1.17	1.75	.39		.08			.73	.65								.65	1.18	.02										7.05
MOUNT CARROLL			.03	.14		.64				.14									.03	.02	.54	.06			T				T			1.60
MOUNT OLIVE		.33	41	.01	.77	1.46				.02	2.24	.02			.05				.19	.97	.64											7.14
MOUNT PULASKI		.74	.88			.81				T	.84									.50	.83	.01										4.71
MOUNT STERLING			.12		.26	1.62				.13	T								T	1.13	.77								T			4.03
MT VERNON			.78	.71	1.84	1.95					.32	1.46						.31	.42	.18	1.12											9.09
MURPHYSBORO WTR WKS R//		26	.42	1.31	3.27	.18					1.91	.04							.51	.86	.99								.02			9.77
NASHVILLE			.44	1.00	.70	.88					2.50	.54							.72	.54	.82											8.14
NEWARK 7 E			.22			1.30				.06	1										.75	.05										2.38
NEW BOSTON DAM 17			T	T		.98	T			T	.03								T	.21	.32	.07							T			1.61
NEW BOSTON 2 NW						1.43				.08									.16		.45								T			2.12
NEW BURNSIDE			.86	.53	1.89	.87		.52				1.64				T				.64	.73		.01	.02	.01				.09	T		7.85
NEWTON			*	.57	.81	2.20						1.00								.20	.72								T			5.62
OTTAWA			.17			1.01		.04		07	.02								T		.20	.09										1.60
PALESTINE			.58	.07	1.90	1.10		.20			.17	1.27			T					1.50	1.18	.06										8.03
PANA		80	.71	.01	.40	1.16				.14	2.94	.08			.03				T	.89	.68	.10										7.94
PARIS SEWAGE PLANT R		.07	-	-	-	-			-	-	-									.25	.49											-
PEORIA WATER WORKS			.85		.50	1.70					3.95	.69								.22	.60											8.51
PAW PAW		.59				1.69				.18									.02	.68	.58											3.74
PEORIA LOCK AND DAM 8		.14	.18		.38	85		.34		.15	.04									.60	.41											3.09
PEORIA WB AIRPORT R		.21	.5	.01	.30	1.05		.19		.10	.03				T				T	.24	.52								T			2.71
PEOTONE		T	.39	T	T	.92					.33	.04									.78											2.46
PERU			.26	.04		1.25	.10				.05										.20	.11										2.03
PETERSBURG		1	.28		.06	1.40				.14	.24									.76	1.61											4.49
PIPER CITY R		.61	.47		.08	1				.42	.28									.14	.27											3.46
PITTSFIELD WATER WORKS R		*	.02		2.55	.23			.05		.07								.04	.72	1.38	.01										5.07
PLEASANT HILL 2 E			.10		.15	-				.11	.27				T				.06	.25	1.49											4.31
PONTIAC		.05	.42	01	.01	.96		.08		.12	.15								T	.04	.21	.07										2.12
PRAIRIE DU ROCHER R		.05	.09	1.40	2.69	.08				.26	1.36								2.32	.39	.61											9.23
PRINCETON 1 S R//		67	.07		.03	1.37				.07											.50											2.11
PRINCEVILLE 2 NW		f	.56		.02	1.51	.10												F	.06	.35	T								T		2.60
QUINCY						1.20				.04										.31	.59											2.14
QUINCY					.20	.81			.25	.05			f						.14	1.41	1.07	.03								.03		3.99
QUINCY DAM		.03	T		.72	.41			.51	.04						F			.07	1.15	1.25									.02		4.20
QUINCY DAM 21						1.06				.40									.04	.84	1.36	.18									.04	3.92
QUINCY MEMORIAL BRIDGE						1.09	T			.39	.01				T				.03	.79	1.80	.01									.04	4.07
ROCKFORD GANGE AP		2.11	2.52		.59	1.0				.47	1.78				T					.41	.93											9.90
ROCK R	.01	.13		.62	1.86					1.02	.93								1.90	.40												6.87
ROCKVIEW		.10	.25		2.02	.21				.04	1.96	.65							.70	.63	.99											7.42
ROBERTS 3 N		21	1.78	6	.03	1.70				.05	.80	.04								.03	.27											4.94
ROCHELLE			.05	.05		1.10				.19										.38	.74											2.51
ROCK FALLS				.01		1.04				.23									T		.48	.12			T				T			1.88
ROSEVILLE				T		.92				.11	T								T	T	.45				.03				T			1.51
RUSHVILLE			.27			1.55				.07	.02									.83	.59	.05										3.38
ST MARYS			.23	.42	.02	2.75	.02		.32			1.92								.06	.39	1.05										7.18
SALEM		.01	1.12	.07	.78	1.78					1.68	1.14							.11	.84	1.26	.05										8.84
SANDWICH WATER WORKS			.40	.39				.02	.20			.76								T	.86	.41			T						.01	6.08
SPARTA			.92	.07		.5		T			1.22	2.08									.86	.29										7.60
SPRINGFIELD CAA		.29	.96	.01		.2				.29	.03									.07	.72											3.29
STERLING			.54	2.84	.84	.88					2.03	.56			T				1.35	.94	.73			T								10.51
STREATOR WATER WORKS		.84	.10	.06	1.10	.31				.15	15				T				T	.03	1.06											4.60
SUMNER		1.80	.13	88	.91	.18				.18	.38	.02			T				T	.47	1.28											5.39
TAYLORVILLE			.41	.06		.85				.32	.00									.28	.71											2.94
TOLEDO			.06	.09		68	.26			.14									.04		.36	.07			.01				.01			1.72
TOULON			.43	1	T	1.01	1	.04		.11	.07										.04	.19							T			1.89
TUSCOLA WATER WORKS		05	.18		1.00	04				.40	2.71									.55	.66											6.99
URBANA			.17	.14		1.07		1		.18										.20	.80											2.36
VANDALIA			.12	1	.02	1.49				.08	T				T				T	.72	.54	.04							T			3.01

See reference notes following Station Index

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
TAYLORVILLE		.76	.62		.26	.88				.08	1.83	.04							T	.57	.61	.03									5.68
TISKILWA			.40			1.35				.10									T	T	.50	.20			T						2.55
TOULON			.41	T		1.67				.18	T								T	.23		.31							T		2.78
TUSCOLA		.29	.47			1.33					3.27	.24								.45	.68	.16									6.89
URBANA		.87	1.77	.03	.03	1.27				.02	1.91	.01			T					.44	1.35	.03									7.73
URBANA EXP FARM R		1.11	1.59		.51	.73				.39	1.46	.01								.78	.99										7.57
URBANA WATER WORKS			.90	2.07		1.38					1.91	.08							.48	1.37		.03									8.22
UTICA STARVED ROCK DAM E			.18	.01		1.10	.32				.03										.20	.02									1.86
VANDALIA E		T	.75			2.05					3.23	.42									1.46										7.91
VIRDEN		1.20	.37		.33	1.14				T	.97				T				T	.89	1.63										6.53
WALNUT			.09	.06		1.25				.18									.01	.14	.38								T		2.11
WARSAW						1.10				.20									.15	.85	.37										2.67
WASHINGTON R		.20	.35		.24	.94					.04									.23	.37										2.37
WATERLOO		.06	.14	.68	.54	1.35					1.00	.27							1.76	1.53	.75			.01							8.09
WATERMAN R//		.05	.40			1.12				.20										.25	.99										3.01
WATSEKA		.33	1.48	T	.02	.93				.01	.96	.03					.12			.56	.28	.02									4.74
WAUKEGAN			.03			.97	.03	.02		.12									.03		.59	.22			T						2.01
WENONA R		.08	.05	.07		1.53		.03		.05	.05										.10										1.96
WEST FRANKFORT 8 E R		.36	.44	2.30	2.62	.03					1.52	.25							.20	.72	1.14	.10									9.68
WHEATON COLLEGE			.90	.02	.02	1.00	.01	.01		.15										.13	.56										2.80
WHITE HALL 1 E		.06	.31	T	.53	1.44				.07	.73	.02			T					.05	.45	1.21	.03								4.90
WILCOX			.50	.05		2.75			.20			1.50								T	.10	T	1.45								6.55
WINDSOR		.13	.72	.05	.30	1.86				T	3.01	.28								T	.55	.49	.70								8.09

See reference notes following Station Index

HOURLY PRECIPITATION

Station	A M Hour ending												P. M. Hour ending										Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—2d—																									
BEARDSTOWN LAGRANGE DAM																				.07	.02				.09
BELLEVILLE SCOTT AF BSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRADFORD CAA 6																			*	*	*	*	*	.08	
CAIRO WB CITY																		.01	.04	.01	.01	.05	.31	.05	.48
CAMP ELLIS																		-	-	-	-	-	-	-	-
CHICAGO CAL TREAT WKS																							.13	.11	.24
CHICAGO LAKEVIEW PUMP																							.13	.40	.53
CHICAGO LOYOLA UNIV																							.02	.46	.48
CHICAGO MAYFAIR PUMP ST																							.30	.35	.65
CHICAGO N BRA PUMP STA																							.02	.42	.44
CHICAGO ROSELAND PUMP																							.05	.06	.11
CHICAGO SAN DIST DISPAT																							.12	.13	.25
CHICAGO SAN DIST OFF																							.22	.15	.37
CHICAGO S FILTER PL																							.10	.06	.16
CHICAGO SPRINGFLD PUMP																						.02	.10	.49	.61
CHICAGO UNIVERSITY																						.02	.03	.05	.10
CHICAGO WB AIRPORT																							.06	.23	.29
CHICAGO WB CITY																							.16	.15	.31
CISNE BROWN CAMP																				.01	.02	.05			.08
COLLINSVILLE								.02	.02																.04
COULTERVILLE														.08	.01							.01	.25	.14	.49
CRETE																				.03	.02	.18	.07	.08	.38
DANVILLE WATER WORKS																							.02	.11	.13
DOUGLAS																							.20	.39	.59
DOWNS 2 NE										.03	.05	.07	.03		.02		.03	.04	.03	.11	.04	.05	.03	.06	.59
DWIGHT STATE REFORM												.02	.01						.01		.01	.35	.29	.05	.74
EFFINGHAM CAA															.05		.10	.18	.02	.10		.02	.01	.02	.50
EVANSTON PUMP STA																							.01	.22	.23
FAIRBURY WATER WORKS //											.03	.01	.01						.02	.03	.05	.08	.27	.10	.80
FARMER CITY									.02		.07	.06	.39	.21	.15	.05	.05	.20	.05	.03		.09	.53	.18	2.08
GLENDALE EXP FARM																	.06	.05	.06	.06				.02	.25
GOLCONDA DAM 51																.04	.20		.05	.03	.01		.01	.05	.39
GREENFIELD								.09	.06	.10	.03	.05	.19	.01			.01	.01	.05						.60
HOOPESTON														.05	.05		.03	.01		.06	.04	.01			.25
HUTSONVILLE //																							.03	.01	.04
JACKSONVILLE SEWAGE PL																				.03	.05		.01	.01	.10
JOLIET WB AIRPORT 6																			*	*	*	■	*	.59	
KANKAKEE SEWAGE PLANT																			.04	.01	.05	.20	.04	.06	.40
KEWANEE BAKER PARK																								.03	.03
LAWN RIDGE																					.02	.22		.09	.33
LOCKPORT LOCK AND DAM																							.11	.23	.34
LOCKPORT POWER HOUSE																							.10	.27	.37
LOUISVILLE																			.01	.03		.01	.01	.03	.09
MAROA SEWAGE PLANT																			-	-	-	-	-	-	-
MASON CITY																				.16	.03	.01	.51	.11	.82
MORRISONVILLE									.04	.04	.12	.10	.07	.01	.02	.03				.02	.03	.02			.50
MT CARMEL WATER WORKS																							.03	.01	.04
MURPHYSBORO WATER WORKS //																					.02	.15	.06	.03	.26
NEWTON																							.13	.02	.15
PARIS SEWAGE PLANT																								.07	.07
PEORIA LOCK AND DAM //																						.05	.02	.07	.14
PIPER CITY												.06	.04		.01	.02				.19	.06	.17	.01	.05	.61
PITTSFIELD WATER WORKS																			*	*	*	■	*	*	*
PRAIRIE DU ROCHER W WKS																		.03						.02	.05
PRINCETON 1 S //																						.01	.04	.02	.07
QUINCY CAA 6																			*	*	*	■	*	.03	
RANTOUL CHANUTE AF BASE //												.36	.25	.17	.12	.05	.03	.05	.05				.03	.30	1.39
RICHVIEW																							.05	.05	.10
SKOKIE N S TREAT WKS																								.29	.29
SPRINGFIELD WB AIRPORT //						.05		.06	.02	.04	.05	.04	.05	.04						.06	.27	.16			.84
SPRINGFIELD WB CITY								.27	.08	.04	.19	.17	.15	.09						.01	.24	.54	.01	.01	1.80
STICKNEY W SIDE TREAT																							.07	.18	.25
SULLIVAN WATER WORKS //										.04	.16	.04	.01						.02	.01	.01	.01	.25		.55
URBANA EXP FARM											.03	.27	.48	.02									.03	.28	1.11
VANDALIA									.05	.04	.18											.02		.03	.32
WASHINGTON																						.13	.02	.05	.20
WATERMAN																								.05	.05
WENONA																							.03	.05	.08
—3d—																									
ALEXIS WATER WORKS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BRADFORD CAA 6							*	*	*	*	*	.19													
CAIRO WB CITY	.01				.10	.06	.13	.10	.02	.01		.01			.01	.01		.03	.02		.01				.52
CAMP ELLIS	-	-	-	-		-	-																		
CHICAGO CAL TREAT WKS	.27	.02				.01									.01										.31
CHICAGO LAKEVIEW PUMP	.12	.31	.03		.05		.02						.01			.01			.02						.57
CHICAGO LOYOLA UNIV	.09	.25	.37		.07			.01								.02			.01						.82
CHICAGO MAYFAIR PUMP ST	.25	.09	.01	.05	.01									.01	.01	.01									.44
CHICAGO N BRA PUMP STA	.13	.21	.04		.04				.01							.01		.01	.01						.46
CHICAGO ROSELAND PUMP	.31	.01	.02															.01							.35
CHICAGO SAN DIST DISPAT	.33	.10	.06			.01								.01				.01							.52
CHICAGO SAN DIST OFF	.23	.11	.03	.02		.01	.01			.01															.42
CHICAGO S FILTER PL	.24	.01															.01								.26
CHICAGO SPRINGFLD PUMP	.36	.02			.05		.02									.01	.01		.01						.48
CHICAGO UNIVERSITY	.46	.28	.03	.27	.01										.01							.01			1.07
CHICAGO WB AIRPORT	.22	.03	.03	.02		.01										.01						.01			.33
CHICAGO WB CITY	.44	.11	.04	.03	.01	.03	.02	.03	.01						.01					.01					.74
CISNE BROWN CAMP	.07	.03			.02		.06	.31	.03	.01															.53
COLLINSVILLE			.14	.01																					.15
COULTERVILLE	.01			.10	.23	.02				.04							.01								.41
CRETE	.10	.02	.01	.01	.03													.02	.01	.01	.01				.22
DANVILLE WATER WORKS	.22	.10	.28	.02	.04	.03		.07	.04	.01													.02	.01	.84
DOUGLAS	.01																								.01
DOWNS 2 NE	.15	.09	.1	.03	.05	.03		.03	.01																.58
DWIGHT STATE REFORM	.01	.02	.07	.01																					.11
EFFINGHAM CAA //	.02	.02	.01	.04				.04																.01	.14
EVANSTON PUMP STA	.06	.15	.60		.03											.01			.01	.01					.87
FAIRBURY WATER WORKS //	.05	.10	.18	.17	.02																				.52
FARMER CITY	.27	.10	.03	.30	.17	.20	.03	.02	.03	.01	.01														1.17
GLENDALE EXP FARM	.11	.03			.02	.02	.12	.08	.02		.02	.02	.01	.02	.04	.06	.04	.04	.01	.01					.67
GOLCONDA DAM 51	.01				.03	.17	.14	.10	.06			.05		.03	.06	.06	.08	.05	.01		.01				.86
GREENFIELD	.09	.01				.04																			.14
HOOPESTON	.03	.40	.37	.29	.11	.19	.06	.10	.25				.02				.02								1.84
HUTSONVILLE	.01	.30	.08	.02		.05	.03	.01	.14	.01	.01														.66
JOLIET WB AIRPORT 6	*	*	*	*	*	.03																			
KANKAKEE SEWAGE PLANT	.08	.04	.06	.02	.04																				.24
KEWANEE BAKER PARK	.06																								.06
LANARK							*	*	*	*	*	.05													.05
LAWN RIDGE	.22	.03																							.25
LOCKPORT LOCK AND DAM	.02	.04	.02	.01																					.09
LOCKPORT POWER HOUSE	.02	.03	.03							.01															.09
LOUISVILLE	.12	.02					.07	.33	.50	.10			.01			.01									1.16
MARIETTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAROA SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See interance notes following Station Index

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MASON CITY		.01	.02																							.03
MORRISONVILLE			.05	.15	.05	.10		.05	.04																	.44
MT CARMEL WATER WORKS			.06	.08	.06	.01		.10	.02		.01		.01						.01		.02	.01				.39
MURPHYSBORO WATER WORKS	//	.02	.15	.15	.07	.01																		.01	.01	.42
NEWTON			.04	.04	.04	.01			.01	.06	.05	.10	.04	.01											.02	.42
OREGON POWER PLANT	//										.04															.04
PARIS SEWAGE PLANT		.05	.06	.25	.08	.05	.07		.04	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA LOCK AND DAM	//	.11	.05			.01		.01																		.18
PEORIA WB AIRPORT		.04	.01				.01																			.06
PIPER CITY		.12	.04	.11	.10	.10																				.47
PITTSFIELD WATER WORKS							.02																			.02
PRAIRIE DU ROCHER W WKS		.02	.01	.01	.01				.01	.01	.01	.01														.09
PRINCETON 1 S	//	.01	.06																							.07
RANTOUL CHANUTE AF BASE	//	.27	.29	.16	.10	.05	.20	.37		.13																1.57
RICHVIEW		.04				.01	.09	.11																		.25
SKOKIE N S TREAT WKS		.06	.18	.67		.03														.02						.96
SPRINGFIELD WB AIRPORT	//			.02			.01	.08	.01																	.10
SPRINGFIELD WB CITY			.02	.08			.04																			.14
STICKNEY W SIDE TREAT		.29	.09	.01											.01					.01						.41
SULLIVAN WATER WORKS	//	.01	.03	.05	.01	.05			.02			.01														.18
URBANA EXP FARM		.67	.22	.06	.06	.14	.18	.24	.02																	1.59
VANDALIA		.17	.03	.04					.03	.11	.06	.01														.45
WASHINGTON		.20	.10	.01	.04																					.35
WATERMAN	//	.13	.20	.05	.02																					.40
WENONA		.01	.01	.03																						.05
													—4th—													
ALEXIS WATER WORKS													.02													.02
CAIRO WB CITY				.01	.05	.06	.05	.15	.02	.04	.01	.02	.04	.04	.08	.11	.15	.06	.03	.02			.01	.01		.96
CHICAGO LAKEVIEW PUMP								.21																		.21
CHICAGO LOYOLA UNIV																			.01	.04						.05
CHICAGO MAYFAIR PUMP ST								.37																		.37
CHICAGO N BRA PUMP STA																				.19						.19
CHICAGO SAN DIST DISPAT																				.02						.02
CHICAGO SPRINGFLD PUMP								.01																		.01
CHICAGO WB CITY																				.01						.01
CISNE BROWN CAMP																			.02							.02
COLLINSVILLE											.01	.11	.05	.02	.01											.20
COULTERVILLE		.03	.01		.06	.05	.08	.07	.25	.55	.33	.12	.04	.01		.03										1.63
DANVILLE WATER WORKS			.01			.01																				.02
EFFINGHAM CAA	//	.01		.03		.01			.01																	.06
EVANSTON PUMP STA																		.02		.01						.03
FREEPORT SEWAGE PLANT										.02	.04															.06
FULTON DAM 13									.20	.08																.28
GLENDALE EXP FARM					.02	.05	.09	.04	.15	.01	.02	.02	.03	.04	.03	.03	.03	.03	.02	.02	.01					.64
GOLCONDA DAM 51				.02	.03	.08	.02	.03	.02	.04	.01	.04	.06	.04	.04	.10	.03	.02	.04	.01						.63
HUTSONVILLE	//		.02	.01																						.03
LANARK										.05	.01	.01														.07
LOUISVILLE									.01	.02																.03
MT CARMEL WATER WORKS		.01	.01		.10	.49	.21	.05	.03	.02	.05	.10	.03	.02	.01	.01	.03									1.17
MURPHYSBORO WATER WORKS	//		.01		.02	.04	.11	.20	.14	.06	.21	.16	.09	.09	.04	.01	.01	.03	.01	.05	.02	.01				1.31
NEWTON		.01	.01	.01																						.03
PEORIA WB AIRPORT																		.01								.01
PRAIRIE DU ROCHER W WKS						.09	.29	.17	.48	.27	.02	.03			.01	.01	.01	.02								1.40
RICHVIEW			.02	.01	.02		.02	.03	.09	.06	.05	.08	.04	.02	.01	.02										.47
SKOKIE N S TREAT WKS																				.01						.01
SPRINGFIELD WB AIRPORT	//								.04	.02																.06
SPRINGFIELD WB CITY										.04																.04
STICKNEY W SIDE TREAT																				.06						.06
VANDALIA											.02	.05	.10													.17
WENONA																	.07									.07
													—5th—													
ALEXIS WATER WORKS																							.05	.13	.05	.23
AUGUSTA HIGH SCHOOL																			.19	.01	.08	.05	.10	.07	.15	.65
BEARDSTOWN LAGRANGE DAM	//																	.15	.06	.14	.12	.13	.17	.24	.33	1.34
BRADFORD CAA	6																		.02						.04	
CAIRO WB CITY		.01		.02	.08	.18	.07	.04	.08	.18	.17	.08	.05	.24	.15	.12	.21	.35	.10	.06	.18	.38	.18	.01		2.94
CAMP ELLIS																			.02	.01	.02	.02	.20	.17	.29	.73
CHICAGO CAL TREAT WKS																								.01		.01
CHICAGO SAN DIST DISPAT																									.01	.01
CHICAGO S FILTER PL		.01	.02	.15	.30	.25	.03	.01		.01	.02	.07	.10	.02	.01											1.00
CHICAGO WB CITY										.01																.01
CISNE BROWN CAMP									.01	.01	.01	.07	.07	.08	.13	.23	.27	.35	.12	.16	.25	.62	.25	.05	.15	2.83
COLLINSVILLE														.08	.13	.10	.04	.02	.02	.03	.16	.45	.50	.37	.13	2.03
COULTERVILLE									.01	.05	.05	.06	.10	.19	.11	.05	.03	.02	.10	.15	.18	.07			.10	1.27
DANVILLE WATER WORKS											.01								.01	.01	.04	.01	.15	.23	.26	.72
DIONA														.02	.05	.07	.01	.09	.16	.10	.13	.06	.25	.33	.42	1.69
DOUGLAS																								.20	.10	.30
DOWNS 2 NE																								.06	.09	.15
DWIGHT STATE REFORM																									.03	.03
EFFINGHAM CAA	//						.05	.10	.12	.10	.13	.13	.09	.12	.05	.38	.21	.15	.37	.10	.05	.10	.03	.01	.01	2.30
FAIRBURY WATER WORKS	//																									
FARMER CITY																							.03	.11	.16	.30
GLENDALE EXP FARM					.01	.08	.03	.06	.04	.04	.11	.23	.14	.04	.05	.10	.01	.29	.46	.09	.13	.10	.04	.39	.04	2.48
GOLCONDA DAM 51			.02	.01	.02	.12	.02		.06	.05	.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GREENFIELD													.06	.01		.10	.16	.13	.11	.01	.05	.28	.30	.07	.07	1.35
HOOPESTON																					.03	.01	.01	.09	.19	.33
HUTSONVILLE	//									.01	.01	.01	.03	.02	.05	.05	.15	.17	.16	.12	.15	.25	.25	.23	.01	1.67
ILLINOIS CITY DAM 16																										
JACKSONVILLE SEWAGE PL																	.10	.10	.15	.03	.02	.29	.21	.30	.10	1.30
KEWANEE BAKER PARK																									.03	.03
LAWN RIDGE																								.03	.43	.46
LOUISVILLE											.01	.06	.12	.07	.11	.17	.31	.26	.15	.11	.09	.51	.25	.11	.29	2.62
MAROA SEWAGE PLANT																						.02	.20	.08	.08	.38
MASON CITY																		.02		.02	.01	.02	.02	.20	.40	.69
MOLINE WB AIRPORT	//																				.01				.14	.15
MORRISONVILLE															.02	.08	.10	.10	.04	.01	.05		.10	.13	.05	.68
MT CARMEL WATER WORKS										.04	.06	.03	.04	.03	.10	.18	.11	.04	.01	.08	.38	.24	.14	.27		1.75
MURPHYSBORO WATER WORKS	//		.01	.01				.04	.04	.15	.21	.18	.18	.17	.32	.31	.20	.16	.19	.42	.45	.11	.07	.03	.02	3.27
NEWTON									.01			.04	.03	.07	.04	.13	.15	.28	.27	.01	-	-	-	-	-	-
PEORIA LOCK AND DAM	//																						.02	.03	.33	.38
PEORIA WB AIRPORT																								.03	.27	.30
PIPER CITY																									.08	.08
PITTSFIELD WATER WORKS																	.07	.31	.19	.18	.17	1.21	.07	.20	.15	2.55
PRAIRIE DU ROCHER W WKS									.02	.03	.17	.19	.19	.20	.13	.02	.04	.01	.05	.03	.24	.46	.52	.20	.19	2.69
PRINCETON 1 S	//																								.03	.03
QUINCY CAA	8																		.09						.63	
QUINCY DAM 21																			.27	.06	.07	.05	.05	.04	.16	.70
RANTOUL CHANUTE AF BASE	//																						.08	.15	.20	.43
RICHVIEW									.01	.01	.01	.05	.05	.10	.22	.13	.05	.07	.13	.07	.26	.47	.17	.15	.07	2.02
SPRINGFIELD WB AIRPORT	//																.02	.08	.02	.03	.01	.06	.02	.40	.46	1.10
SPRINGFIELD WB CITY																	.02	.10	.03	.03	.01	.05	.01	.38	.27	.90
SULLIVAN WATER WORKS	//															.03	.04	.09	.01	.05	.10	.11	.14	.15	.28	1.00

See reference notes following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour ending											P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
URBANA EXP FARM																			.01			.10	.18	.22	.51
VANDALIA									.02	.02		.01	.25	.08	.14	.12	.06	.05	.15	.07	.25	.16	.11	.08	1.57
WASHINGTON																							.03	.21	.24
												—6th—													
ALEXIS WATER WORKS	.20	.20	.20	.07	.12	.11		.01	.01																.92
AUGUSTA HIGH SCHOOL	.25	.20	.13	.07	.02	.01																			.68
BEARDSTOWN LAGRANGE DAM	.17	.22	.13	.01																					.53
BELLEVILLE SCOTT AF BSE //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE SEWAGE PLANT				.05	.12	.26	.15	.27	.13	.10	.02	.02	.02	.03	.01	.01									1.19
BRADFORD CAA 6	*	*	*	*	*	1.48	*	*	*	*	*	.47													
CAIRO WB CITY				.01																					.01
CAMP ELLIS	.37	.32	.26	.12	.03	.01	.01	.05																	1.17
CHICAGO CAL TREAT WKS		.07	.15	.36	.13	.01		.03	.03	.07	.13	.06				.01									1.05
CHICAGO LAKEVIEW PUMP			.14	.24	.43	.05		.02	.04	.01	.23	.06	.02			.01		.01	.01						1.27
CHICAGO LOYOLA UNIV			.10	.17	.35	.06			.01	.01	.18	.04	.03			.01	.01		.01						.98
CHICAGO MAYFAIR PUMP ST			.11	.25	.39	.08	.01	.03	.06	.02	.13	.05	.03									.01			1.17
CHICAGO N BRA PUMP STA			.11	.24	.34	.09	.01	.01	.05	.02	.09	.03	.02					.01							1.02
CHICAGO ROSELAND PUMP		.06	.15	.47	.27	.05		.01	.07	.06	.23	.16				.01									1.54
CHICAGO SAN DIST DISPATCH		.01	.13	.29	.23	.05	.01	.01	.04	.03	.12	.06						.01							.99
CHICAGO SAN DIST OFF	*	*	*	*	.86	.04		.03	.06	.03	.10	.07	.02					.01							1.22
CHICAGO SPRINGFIELD PUMP				.16	.31	.05	.01	.02	.04	.04	.07	.02	.01						.02						.75
CHICAGO UNIVERSITY	.01		.11	.24	.30	.07			.05	.01	.11	.12	.06												1.08
CHICAGO WB AIRPORT		.03	.10	.07	.21	.02	.01		.02	.06	.30	.04	.01		.01		.01								.82
CHICAGO WB CITY		.01	.09	.04	.26	.08	.01	.02	.03	.06	.91	.06	.01	.02	.01	.01		.01							1.21
CISNE BROWN CAMP	.10																								.10
COLLINSVILLE	.03	.02																							.05
COULTERVILLE	.04	.01	.04	.04	.07																				.20
CRETE		.10	.20	.25	.05	.02		.03	.04	.08	.12	.01													.90
DANVILLE WATER WORKS	.20	.15	.16	.05																					.56
DIONA	.58	.22	.01					.03	.02																.86
DOUGLAS	.25	.28	.20	.17	.10	.10		.05	.05																1.20
DOWNS 2 NE	.18	.20	.07	.12	.11	.13	.06	.03																	.90
DWIGHT STATE REFORM	.04	.31	.32	.04	.06	.10	.13	.02	.02																1.04
EFFINGHAM CAA //	.03	.01	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EVANSTON PUMP STA			.06	.16	*	*	*	.51	.03	.01	.07	.04	.03	.01		.01		.01	.01						.95
FAIRBURY WATER WORKS //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.17							1.17
FARMER CITY	.24	.26	.04	.10	.03	.06	.05	.02	.03				.01												.84
FREEPORT SEWAGE PLANT					.04	.13	.16	.07	.02	.01	.04	.20	.05	.06	.02										.80
FULTON DAM 13		.05	.05	.10	.10	.19	.10	.05	.05			.05	.03												.77
GOLCONDA DAM 51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENFIELD	.13	.05		.09																					.27
HOOPESTON	.29	.33	.15	.14		.01		.02	.03		.02					.01	.01								1.01
HUTSONVILLE //	.19	.05	.01					.01																	.26
ILLINOIS CITY DAM 16	*	.02	.06	.07	.20	.05		.10																	.50
JACKSONVILLE SEWAGE PL	.23	.07	.03																						.33
JOLIET WB AIRPORT 6	*	*	*	*	*	.65	*	*	*	*	*	.28	*	*	*	*	*	.01							
KANKAKEE SEWAGE PLANT	.02	.20	.30	.22	.01	.03	.04	.06	.07	.02	.01	.02													1.00
KEWANEE BAKER PARK	.12	.28	.27	.40	.04	.38	.13	.13	.12	.05	.03	.01	.01												1.97
LANARK	.01	.02	.02	.03	.09	.19	.10	.09	.09	.02	.01	.04	.03	.04	.01	.01									.80
LAWN RIDGE	.40	.33	.04	.30	.15	.05	.05	.01	.01	.01	.02														1.37
LOCKPORT LOCK AND DAM		.05	.17	.33	.03	.04	.11	.09	.04	.06		.01													.93
LOCKPORT POWER HOUSE		.04	.15	.35	.13		.04	.23	.04	.05	.01	.01			.01										1.06
LOUISVILLE	.21	.02	.02		.01			.02	.02	.02	.01	.01	.01												.35
MARIETTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAROA SEWAGE PLANT	.11	.21	.05	.08	.06	.04	.02	.07	.01																.65
MASON CITY	.35	.11	.13	.01		.01	.03																		.64
MC HENRY				.06	.14	.10	.09	.11	.19	.02	.04	.04	.01					.02	.01						.83
MOLINE WB AIRPORT //	.10	.10	.20	.23	.28	.24	.10	.10	.04																1.39
MORRISONVILLE		.04	.11	.05	.02																				.22
MT CARMEL WATER WORKS	.13	.19	.02	.01								.04													.39
MURPHYSBORO WATER WORKS //	.05	.05	.03	.02	.02	.01																			.18
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON POWER PLANT //				.04	.11	.19	.06	.14	.11	.09	.06	.05	.20	.05	.03										1.13
PEORIA LOCK AND DAM //	.36	.21	.04	.10	.05	.01	.02	.02	.01	.01	.02														.85
PEORIA WB AIRPORT	.44	.26	.08	.13	.08	.01	.03			.01		.01													1.05
PIPER CITY	.17	.20	.33	.09	.11	.12	.10	.04	.01	.02															1.19
PITTSFIELD WATER WORKS	.18	.05																							.23
PRAIRIE DU ROCHER W WKS		.01		.02			.01	.02																	.06
PRINCETON 1 S //	.01	.22	.23	.31	.11	.21	.16	.03	.03	.01		.05													1.37
PROPHETSTOWN		.03	.07	.13	.17	.34	.11	.09	.01	.10	.10	.05													1.20
QUINCY CAA 6	*	*	*	*	*	.41																			
QUINCY DAM 21	.08	.05	.10	.07			.03																		.33
RANTOUL CHANUTE AF BASE //	.15	.19	.26		.04	.02	.01	.06	.01	.01															.75
RICHVIEW	.05	.05	.02	.02		.02		.03	.02																.21
ROCKFORD CAA 6	*	*	*	*	*	.39	*	*	*	*	*	.43	*	*	*	*	*	.10							
SKOKIE N S TREAT WKS			.07	.20	.34	.10	.01		.05	.01	.07	.03	.03			.01									.92
SPRINGFIELD WB AIRPORT //	.06	.10	.09	.02	.03	.01																			.31
SPRINGFIELD WB CITY	.03	.07	.05		.03																				.18
STICKNEY W SIDE TREAT		.03	.09	.26	.18	.02		.01	.02	.10	.05	.07				.01		.01							.85
SULLIVAN WATER WORKS //	.19	.28	.08	.12	.09	.10	.05	.01		.02															.94
URBANA EXP FARM	.10	.28	.16		.04	.02	.07	.03	.01			.01	.01												.73
VANDALIA	.01	.07	.07	.05	.03	.02	.02	.01																	.28
WASHINGTON	.38	.19	.04	.11	.06	.02	.07	.01	.06																.94
WATERMAN			.02	.18	.32	.04	.22	.11	.14	.07				.01	.01										1.12
WENONA	.10	.28	.40	.02	.39	.11	.15	.05					.03												1.53
												—7th—													
CHICAGO CAL TREAT WKS									.01																.01
FREEPORT SEWAGE PLANT						.04		.03																	.07
HOOPESTON									.01																.01
MC HENRY	.01	.01																							.02
												—8th—													
CAIRO WB CITY																									
CHICAGO N BRA PUMP STA								.35	.09		.03	.21	.03												.71
CISNE BROWN CAMP															.01										.01
DANVILLE WATER WORKS										.05															.05
DOUGLAS									.02	.01															.03
GLENDALE EXP FARM						.02																			.02
GOLCONDA DAM 51	-	-	-	-	-	-	-	-	.39	.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.51
HUTSONVILLE																									-
LOCKPORT LOCK AND DAM										.05	.05														.10
LOCKPORT POWER HOUSE										.01	.08														.09
MC HENRY											.10														.10
MT CARMEL WATER WORKS									.02	.11															.13
PEORIA LOCK AND DAM											.08														.08
PEORIA WB AIRPORT						.16	.12	.06																	.34
WENONA							.19																		.19
								.03																	.03
												—9th—													
AUGUSTA HIGH SCHOOL																				.05	.05				.10
CHICAGO N BRA PUMP STA	.01																								.01
PITTSFIELD WATER WORKS																				.03	.02				.05

See reference notes following Station Index

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
QUINCY CAA	6																			*	*	*	*	*	.51	
QUINCY DAM 21																			.13	.25		.01				.39
—10th—																										
ALEXIS WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
BEARDSTOWN LAGRANGE DAM	//												.02		.03	.02										.07
BELLEVILLE SCOTT AF BSE	//																			.03	.02	.06	.12	.10		.24
BELVIDERE SEWAGE PLANT															.10		.02									.12
BRADFORD CAA	6													*	*	*	*	*	.06							
CAMP ELLIS													.03													.03
CHICAGO CAL TREAT WKS																		.22		.01						.23
CHICAGO LAKEVIEW PUMP																	.16	.05	.18							.39
CHICAGO LOYOLA UNIV																	.07	.07	.06							.20
CHICAGO MAYFAIR PUMP ST															.11	.12	.04									.27
CHICAGO N BRA PUMP STA																	.11	.06	.07							.24
CHICAGO ROSELAND PUMP																		.10	.03							.13
CHICAGO SAN DIST DISPAT																	.06	.05	.06							.17
CHICAGO SAN DIST OFF																	.04	.06	.07							.17
CHICAGO S FILTER PL																		.45	.03							.48
CHICAGO SPRINGFLD PUMP																	.11	.18								.29
CHICAGO WB AIRPORT																	.06	.09	.03							.18
CHICAGO WB CITY																	.04	.05	.05	.01						.15
COLLINSVILLE																				.20	.01					.21
COULTERVILLE																								.08	.02	.10
CRETE																		.07	.08	.10	.03	.01				.29
DANVILLE WATER WORKS																							.05	.08	.01	.14
DOUGLAS													.10	.10												.20
DOWNS 2 NE														*	*	*	*	*	*	*	*	*	*	*	*	*
DWIGHT STATE REFORM																	.05									.05
EFFINGHAM CAA	//																								.17	.17
EVANSTON PUMP STA																	.10	.12	.02							.24
FAIRBURY WATER WORKS	//															.05	.05		.09	.01	.02	.01				.23
FARMER CITY																	.08	.05	.05		.10	.02	.06			.36
FREEPORT SEWAGE PLANT														.09												.09
FULTON DAM 13													.10													.10
GREENFIELD															.05			.01	.01	.05						.12
HOOPESTON																					.04	.01	.04	.21	.05	.35
ILLINOIS CITY DAM 16												.08	.01													.09
JACKSONVILLE SEWAGE PL														.05												.05
JOLIET WB AIRPORT	6													*	*	*	*	*	.17							
KANKAKEE SEWAGE PLANT																		.08	.01	.19	.03	.04	.01			.36
KEWANEE BAKER PARK														*	*	*	*	*	.05							.05
LANARK													.07	.01	.01											.09
LAWN RIDGE														.12	.01											.13
LOCKPORT LOCK AND DAM																	.03	.12								.15
LOCKPORT POWER HOUSE																	*	*	*	*	*	*	*	*	*	*
MARIETTA													.05	.03												.08
MAROA SEWAGE PLANT																		.08	.02	.01			.02	.03	.01	.17
MASON CITY															.04	.01			.04							.09
MC HENRY																.18	.11	.01								.30
MOLINE WB AIRPORT	//												.19													.19
MORRISONVILLE																				.03	.02	.17			.01	.23
NEWTON																				-	-	-	-	-	-	-
OREGON POWER PLANT	//																.04									.04
PEORIA LOCK AND DAM	//													.12	.03											.15
PEORIA WB AIRPORT														.08	.02											.10
PIPER CITY																		.15	.02	.12	.13					.42
PRAIRIE DU ROCHER W WKS																					.04	.04	.17	.01		.26
PRINCETON 1 S	//													.02		.04	.01									.07
PROPHETSTOWN													.04													.04
QUINCY CAA	6							*	*	*	*	*	.04													
RANTOUL CHANUTE AF BASE	//													*	*	*	*	*	*	*	*	*	*	*	*	*
RICHVIEW																									.04	.04
ROCKFORD CAA	6													*	*	*	*	*	.11							
SKOKIE N S TREAT WKS																	.13	.14	.02							.29
SPRINGFIELD WB AIRPORT	//														.01		.01	.02	.01	.04	.06					.15
SPRINGFIELD WB CITY																				.04	.11				.02	.17
STICKNEY W SIDE TREAT																	.08	.05	.19							.32
SULLIVAN WATER WORKS	//																				.04	.11	.03	.03	.19	.40
URBANA EXP FARM																					.08		.17	.11	.03	.39
VANDALIA																						.02		.19	.02	.23
WATERMAN	//														.08	.02	.10									.20
WENONA															.03	.01	.01									.05
—11th—																										
BELLEVILLE SCOTT AF BSE	//			.01	1.23	.01			.21	.02	.05	.02	.13	.11	.27	.08	.15	.05	.01	.01	.03	.02	.02			2.43
CAIRO WB CITY																								.02	.16	.18
CHICAGO CAL TREAT WKS												.01		.03	.01	.01										.06
CHICAGO LAKEVIEW PUMP														.04	.01											.05
CHICAGO LOYOLA UNIV														.03												.03
CHICAGO MAYFAIR PUMP ST		.03																								.03
CHICAGO N BRA PUMP STA														.02	.01											.03
CHICAGO ROSELAND PUMP														.05	.01	.01										.07
CHICAGO SAN DIST DISPAT														.05	.02											.07
CHICAGO SAN DIST OFF														.05	.01											.06
CHICAGO S FILTER PL														.03	.01											.04
CHICAGO SPRINGFLD PUMP														.05												.05
CHICAGO UNIVERSITY																		.11	.04							.15
CHICAGO WB AIRPORT														.07	.01											.08
CHICAGO WB CITY														.02	.03	.01										.06
CISNE BROWN CAMP																				*	*	*	*	*	*	*
COLLINSVILLE		.01	.02	.01		.07	.03	.15	.20	.02	.04	.01	.05	.43	.12	.05	.08				.02	.01	.01			1.33
COULTERVILLE			.03	.27	.10					.20	.19	.24	.01	.01	.25	.05	.05	.53	.11	.05	.10	.20	.06	.05	.03	2.53
CRETE									.01	.04	.01						.02		.01	.02						.11
DANVILLE WATER WORKS		.11	.15	.05	.03	.35	.15	.06	.11	.12	.03	.05	.13	.42	.05	.14	.16	.12	.10	.20	.04	.01	.06	.07	.02	2.73
DIONA		.30	.27	.23	.34	.14	.47			.01	.10	.03	.21			.29	.31		.90	.20	.08	.05	.04	.13	.07	4.17
DOUGLAS																.03										.03
DOWNS 2 NE		*	*	*	*	*	*	*	.59																	.59
DWIGHT STATE REFORM													.01	.01	.01	.01	.01									.05
EFFINGHAM CAA	//	.37	.06	.75	.33	.30	.07			.20		.15		.02	.03	.20	.55	.40	.32	.03	.04	.09	.07	.09	.01	4.08
EVANSTON PUMP STA															.01											.01
FAIRBURY WATER WORKS	//								.07	.03			.02			.01	.02	.01	.01							.17
FARMER CITY				.02	.08	.01		.01	.10	.10	.05	.03	.09	.01		.06	.01	.02	.02		.01					.62
GLENDALE EXP FARM																								.08	.12	.20
GREENFIELD		.01			.01	.02	.04		.09	.01	.07	.01	.02		.10	.10	.09	.01			.03					.61
HOOPESTON		.05	.13	.01			.16	.10	.29	.06	.05	.10	.05	.22	.06	.12	.10	.08	.07	.07	.01		.02			1.75
HUTSONVILLE	//											.06	.01						.07	.35	.13	.13	.09	.09	.08	1.01
JACKSONVILLE SEWAGE PL								.05	.10	.05					.03	.07	.03									.33
JOLIET WB AIRPORT	6							*	*	*	*	*	.03	*	*	*	*	*	.02							
KANKAKEE SEWAGE PLANT										.08		.01					.01		.02	.01						.13
LOCKPORT LOCK AND DAM												.01		.02	.01											.04
LOCKPORT POWER HOUSE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	.21										.21
LOUISVILLE												.02	.03			.01		.04	.43	.47	.06	.06	.09	.12	.05	1.38
MAROA SEWAGE PLANT		.03	.05	.02	.10	.01			.19	.11	.03	.05	.01		.01	.08		.01	.01							.71

See reference notes following Station Index.

HOURLY PRECIPITATION

	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
[illegible]								.04	.01	.03	.01	.01			.01	.02									.13
[illegible]	.01			.09	.15	.21	.21	.29	.11	.03	.16	.03	.06	.05	.10	.10	.05								1.85
[illegible] WATER WORKS																						.05	.50	.18	.73
MURPHYSBORO WATER WORKS	//											.04	.04	.02			.11	.04	.18	.59	.37	.20	.12	.20	1.91
[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible] LOCK AND DAM														.02	.01		.01								.04
PEORIA WB AIRPORT													.01	.02											.03
PIPER CITY							.06	.13	.01		.01	.03		.01	.01			.02							.28
[illegible] WATER WORKS													.02		.03	.01		.01							.07
PRAIRIE DU ROCHER W WKS	.01	.36	.10			.02		.03	.10	.05		.02	.01	.01		.30	.04	.01	.09	.14	.05	.01	.01		1.36
[illegible]	*	*	*	*	*	*	*	1.15	.30	.13	.07	.08	.05	.01	.08	.11	.01	.01	.03	.01					2.04
RICHVIEW	.01	.05							.04	.10	.01		.04	.01	.05	.55	.25	.20	.15	.10	.13	.15	.05	.07	1.96
SKOKIE N S TREAT WKS													.02	.01											.03
SPRINGFIELD WB AIRPORT	//						.08	.09	.02	.01	.01			.02	.05	.03	.03	.01							.35
SPRINGFIELD WB CITY	.01	.01					.01	.12	.08	.02	.02			.01	.07	.01	.02								.38
STICKNEY W SIDE TREAT													.05	.01											.06
SULLIVAN WATER WORKS	.26	.01	.09		.51	.04	.46	.15	.10	.05	.03	.12	.05	.05	.33	.25	.05	.09	.03			.03	.01		2.71
URBANA EXP FARM	.15				.03	.23	.19	.10	.07	.13	.07	.01	.10	.01	.13	.15	.01		.06			.02			1.46
VANDALIA	.02	.02	.36	.68	1.12	.03		.04	.03	.05	.09	.01	.03	.10	.35	.10	.20	.02			.07	.03	.03		3.38
WASHINGTON														.02		.01	.01								.04
WENONA									*	*	*	*	*	.05											.05
													—12th—												
CAIRO WB CITY	.09	.11	.08																						.28
CHICAGO UNIVERSITY													.04	.01							.01				.06
CISNE BROWN CAMP	*	*	*	*	*	1.50																			1.50
COLLINSVILLE	.01															.02	.08		.01						.12
DANVILLE WATER WORKS	.01																								.01
GLENDALE EXP FARM	.16	.17	.08	.02	.01																				.44
GOLCONDA DAM 51	.28	.01	.34	.02			.02	.01																	.68
HOOPESTON									.02																.02
HUTSONVILLE	.01	.01																							.02
LOUISVILLE	.06	.01																							.07
MT CARMEL WATER WORKS	.15	.22	.10	.10	.08																				.65
MURPHYSBORO WATER WORKS	.03	.01																							.04
PARIS SEWAGE PLANT	-	-	-	-	-																				-
RICHVIEW	.02								.03																.05
URBANA EXP FARM	.01																								.01
													—19th—												
ALEXIS WATER WORKS						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELLEVILLE SCOTT AF BSE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRADFORD CAA	6						*	*	*	*	*	.01													
CISNE BROWN CAMP																		.05							.05
COLLINSVILLE												.08	.08	.06	.16	.04	.01	.05	.17	.13	.02				.80
COULTERVILLE														.35	.40	.24			.01	.19	.14				1.33
GLENDALE EXP FARM																							.03	.01	.04
GOLCONDA DAM 51																							.05	.03	.08
GREENFIELD												.03		.01	.01			.01			.02				.08
ILLINOIS CITY DAM 16										.09	.01													.02	.12
KEWANEE BAKER PARK												.03	.01												.04
LOUISVILLE																					.10	.05			.15
MC HENRY													*	*	*	*	*	*	*	*	*	*	*	*	*
MOLINE WB AIRPORT	//								.02		.01	.01												.01	.05
MURPHYSBORO WATER WORKS																				.03	.17	.01	.28	.02	.51
OREGON POWER PLANT	//						*	*	*	*	*	*	*	*	*	*	*	.03							.03
PITTSFIELD WATER WORKS										.03		.01													.04
PRAIRIE DU ROCHER W WKS													.78	.50	.35	.04				.13	.51	.01			2.32
QUINCY CAA	6						*	*	*	*	*	.07													
QUINCY DAM 21								.08	.02																.10
RICHVIEW														.04	.06	.09	.23	.13		.08	.07				.70
VANDALIA														.03		.05									.08
MORRISONVILLE						.05	.06																		.11
													—20th—												
AUGUSTA HIGH SCHOOL						.09	.29	.12	.18	.01	.01												.01	.01	.72
BEARDSTOWN LAGRANGE DAM	//							.27	.06	.38	.10	.02													.83
BRADFORD CAA	6						*	*	*	*	*	.02													
CAMP ELLIS							.03	.22	.20	.12	.03														.60
CHICAGO CAL TREAT WKS					.16	.13						.03	.10										.01		.43
CHICAGO LAKEVIEW PUMP					.34	.04							.01	.09											.48
CHICAGO LOYOLA UNIV					.03	.01								.06											.10
[illegible] AIR PUMP ST					.16	.03								.08											.27
CHICAGO N BRA PUMP STA					.19	.02	.01																		.22
CHICAGO ROSELAND PUMP					.10	.31						.09	.02												.52
CHICAGO SAN DIST DISPAT											.09	.02	.11	.01											.23
CHICAGO SAN DIST OFF					.04	.01					.01		.05	.02											.13
CHICAGO S FILTER PL					.07	.08							.09												.24
CHICAGO SPRINGFLD PUMP					.34	.04							.05	.11											.54
CHICAGO UNIVERSITY						.08	.01						.05	.09											.23
CHICAGO WB AIRPORT					.23	.01							.07												.31
CHICAGO WB CITY				.01	.08	.04							.04	.03											.20
CISNE BROWN CAMP														.25	.05										.30
COLLINSVILLE											.12	.03													.15
COULTERVILLE								.02	.02				.15												.19
CRETE					.13	.32		.01	.01		.01	.01	.16	.02											.67
DANVILLE WATER WORKS													.10	.10										.01	.21
[illegible]								.15		.01	.01		.25	.05		.01									.48
DOUGLAS								.15	.15																.30
[illegible]										.08	.19	.03													.30
EFFINGHAM CAA	//												.16	.02	.01	.01	.01								.31
EVANSTON PUMP STA						.01								.03											.04
FAIRBURY WATER WORKS	//										.25														.25
FARMER CITY												.15	.10												.25
FULTON DAM 13	.71	.01	.04	.01	.01																				.80
GLENDALE EXP FARM	.03																								.03
GOLCONDA DAM 51		.01	.01																						.02
[illegible]										.22	.13	.08	.01	.01										.09	.54
HOOPESTON										.05	.10	.01	.02				.03								.21
[illegible]							.07						.08												.15
ILLINOIS CITY DAM 16						.08	.02																		.10
[illegible]									.70	.20	.05	.05													1.00
JOLIET WB AIRPORT	6	*	*	*	*	*	.05	*	*	*	*	*	.06												
KANKAKEE SEWAGE PLANT						.02	.02	.01				.06	.01												.12
KEWANEE BAKER PARK									.04		.01	.01													.06
LAWN RIDGE									.02	.03															.05
LOCKPORT LOCK AND DAM				.13	.17							.15	.07	.01											.53
LOCKPORT POWER HOUSE				.15	.18							.13	.08												.54
LOUISVILLE													.03	.29	.01										.33
MARIETTA							.09	.20	.06																.35
MAKOA SEWAGE PLANT				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]									.05	.28	.07														.40
[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05							.05

See reference notes following Station Index

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOLINE WB AIRPORT	//	.10						.01	.02																	.13
MORRISONVILLE												.65	.18	.07												.90
MT CARMEL WATER WORKS							.45	.18	.02																	.65
MURPHYSBORO WATER WKS	//	.01													.81	.01		.02							.01	.86
NEWTON											.19	.01														.20
OREGON POWER PLANT	//	.01	.01	.09							.01															.12
PARIS SEWAGE PLANT												.08		.01	.14	.02										.25
PEORIA LOCK AND DAM	//								.05	.45	.10															.60
PEORIA WB AIRPORT									.02	.11	.11															.24
PIPER CITY												.11	.02	.01												.14
PITTSFIELD WATER WORKS									.26	.15	.19	.05	.01											.05	.01	.72
PRAIRIE DU ROCHER W WKS								.01		.01	.01	.01	.17	.10		.03		.02	.03							.39
PROPHETSTOWN		.05	.25						.01																	.31
QUINCY CAA	6							*	*	M	*	*	1.08							*	*	*	*	*	.07	
QUINCY DAM 21							.05	.65	.20	.23	.17													.10		1.40
RANTOUL CHANUTE AF BASE	//							.09	.13	.08			.09	.09	.02											.50
RICHVIEW		.01	.01				.01		.01	.01				.55	.02	.01										.63
SKOKIE N S TREAT WKS					.02	.01									.04											.07
SPRINGFIELD WB AIRPORT	//									.01	.43	.14	.05													.63
SPRINGFIELD WB CITY											.29	.11	.05	.02										.02	.01	.50
STICKNEY W SIDE TREAT												.13	.01	.13	.01											.28
SULLIVAN WATER WORKS	//												.24	.26	.04		.01									.55
URBANA EXP FARM								.25					.19	.08	.02										.24	.78
VANDALIA													.75													.75
WASHINGTON											.20						.02		.01							.23
WATERMAN	//			.14	.06	.04		.01																		.25
													—21st—													
ALEXIS WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-									.02				-
AUGUSTA HIGH SCHOOL			.05	.13	.22	.10														.04	.01					.55
BEARDSTOWN LAGRANGE DAM	//	.01		.02	.30	.19	.04		.02					.01	.02			.01								.62
BELLEVILLE SCOTT AF BSE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
BELVIDERE SEWAGE PLANT					.16	.32	.01		.01												.09		.04	.01		.64
BRADFORD CAA	6	*	*	*	*	*	.15							*	*	*	*	*	.02	*	*	M	*	M	.40	
CAIRO WB CITY													.03		.04											.07
CAMP ELLIS		.05		.02	.11	.26	.01													.05	.06	.01	.01			.58
CHICAGO CAL TREAT WKS						.11	.09	.13																.05		.38
CHICAGO LAKEVIEW PUMP						.11	.64	.19				.02												.06	.01	1.03
CHICAGO LOYOLA UNIV						.08	.20	.15															.02	.02		.47
CHICAGO MAYFAIR PUMP ST						.06	.43	.18															.01	.02		.70
CHICAGO N BRA PUMP STA						.07	.18	.18																.03		.46
CHICAGO ROSELAND PUMP					.03	.10	.24	.10																.03		.50
CHICAGO SAN DIST DISPAT						.17	.16	.13															.03	.14		.63
CHICAGO SAN DIST OFF					*	*	*	.48															.03	.17		.68
CHICAGO S FILTER PL						.06	.10	.12																.04		.32
CHICAGO SPRINGFLD PUMP						.07	.72	.27						.01									.03	.07		1.17
CHICAGO UNIVERSITY							.07	.17	.12												.01			.03	.05	.45
CHICAGO WB AIRPORT						.25	.22	.03															.04	.18		.72
CHICAGO WB CITY					.08	.23	.16	.06															.01	.11	.05	.70
CISNE BROWN CAMP												.25		.30	.04	.26	.08			.01						.94
COLLINSVILLE								.05	.02	.05	.01	.07	.19	.06	.02											.47
COULTERVILLE							.03			.07			.15	.15	.13											.53
CRETE						.03	.05	.35						.02										.04		.49
DANVILLE WATER WORKS		.01				.01	.04	.26	.13			.02				.03	.02							.09	.01	.62
DIONA		.03	.02	.04						.05	.01			.02	.11	.02										.30
DOUGLAS					.10	.18	.05											.05								.38
DOWNS 2 NE						.08	.34	.03																		.45
DWIGHT STATE REFORM							.05	.05	.02	.01													.09	.01		.23
EFFINGHAM CAA	//	.02	.05				.03	.02	.04	.01				.05	.07	.02	.01								.03	.35
EVANSTON PUMP STA						.03	.33	.19	.01														.05	.02		.63
FAIRBURY WATER WORKS	//					.01	.11	.08															.02			.22
FARMER CITY							.05	.25	.15							.07	.01								.01	.54
FREEPORT SEWAGE PLANT					.20	.08		.04													.03	.07	.02	.02	.01	.47
FULTON DAM 13			.18	.62	.05	.03															.05	.05				.98
GLENDALE EXP FARM														.03	.11	.05	.03			.01						.23
GOLCONDA DAM 51										.10	.13	.01		.01	.05											.30
GREENFIELD		.04	.05			.02	.24	.25	.14	.01			.01	.02	.02	.01										.81
HOOPESTON								.22	.19	.01														.01	.10	.53
HUTSONVILLE	//				.12	.15			.05	.06	.13	.05	.36	.02	.08									.02		1.04
ILLINOIS CITY DAM 16		.01	.01	.07	.06					.01	.01		.05								.08					.30
JACKSONVILLE SEWAGE PL					1.30		.65	.05													.05					2.05
JOLIET WB AIRPORT	6	*	*	*	*	*	.48	M	*	*	*	*	.05							*	*	*	*	*	.13	
KANKAKEE SEWAGE PLANT																								.03	.01	.04
KEWANEE BAKER PARK				.10	.12						.01	.01	.01	.01	.01					.05						.32
LANARK				.30	.29	.01			.03				.01		.01						.05	.10				.80
LAWN RIDGE				.01	.03	.07	.05	.03													.07					.26
LOCKPORT LOCK AND DAM					.03	.04	.33	.02	.08	.01													.11	.05		.67
LOCKPORT POWER HOUSE					.04	.05	.33			.03													.13	.04		.62
LOUISVILLE									.01	.16	.02	.18		.15	.08	.16	.01								.01	.78
MARIETTA		.01	.01	.03	.15	.22	.02		.01													.03				.48
MAROA SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASON CITY					.08	.35	.11		.01	.03			.01	.01												.60
MC HENRY						.55	.14	.01																		.70
MOLINE WB AIRPORT	//		.03	.03	.16	.04															.03	.06				.35
MORRISONVILLE			.05	.02		.01	.02	.04	.06	.10																.30
MT CARMEL WATER WORKS							.02	.02				.41		.03	.14	.13	.43									1.18
MURPHYSBORO WATER WORKS	//	.01										.01	.39	.18	.33	.03	.01								.03	.99
NEWTON		.04	.01			.08	.07	.10	.07	.02	.16	.03	.07									.04				.69
OREGON POWER PLANT	//			.25	.98	.07														.05	.03	.01	.01			1.40
PARIS SEWAGE PLANT					.02			.20	.03		.09				.07	.03								.01	.04	.49
PEORIA LOCK AND DAM	//				.05	.20	.09											.01		.01	.03		.02			.41
PEORIA WB AIRPORT		.10		.01	.02	.15	.17	.01														.06				.52
PIPER CITY			.01		.01	.03	.06	.16																		.27
PITTSFIELD WATER WORKS		.01		.75	.33	.10	.07			.03			.06	.01						.01	.01					1.38
PRAIRIE DU ROCHER W WKS								.02		.04	.01	.03	.17	.19	.13	.01		.01								.61
PRINCETON 1 S	//	.01	.01	.02	.16	.05														.18	.02	.03	.01	.01		.50
PROPHETSTOWN			.03	.41	.01	.02		.01														.09	.02			.59
QUINCY CAA	6	*	*	*	*	*	1.24	*	*	*	*	*	.01													
QUINCY DAM 21			.07	.63	.10																					.80
RANTOUL CHANUTE AF BASE	//					.02	.08	.52	.04	.01												-	-	-	-	-
RICHVIEW						.02	.01	.02	*	*	.49	.06	.15	.18	.06											.99
ROCKFORD CAA	6	*	*	*	*	*	.27							*	*	*	*	*	.03	*	*	*	*	*	.15	
SKOKIE N S TREAT WKS						.05	.43	.18															.05	.01		.72
SPRINGFIELD WB AIRPORT	//	.01		.01	.03	.58	.32	.04	.02					.01	.03								.01			1.06
SPRINGFIELD WB CITY		.02	.01	.01	.02	.80	.23	.04	.04						.03			.01				.03	.01		.01	1.26
STICKNEY W SIDE TREAT						.22	.25	.16																.08		.71
SULLIVAN WATER WORKS	//		.02	.02	.02		.01		.01	.31	.08				.07	.01			.01	.01			.05	.04		.66
URBANA EXP FARM		.94																							.05	.99
VANDALIA		*	*	*	*	*	*	*	*	.41					.10	.07	.03									.61
WASHINGTON					.01	.06	.19	.01													.03	.07				.37
WATERMAN	//					.60	.03													.19	.16			.01		.99
WENONA																						.10				.10

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
--22d--																										
CAIRO WB CITY			.02																							.02
CHICAGO WB CITY		.01																								.01
CRETE		.01																								.01
GLENDALE EXP FARM			.04																							.04
GOLCONDA DAM 51			.03																							.03
MT CARMEL WATER WORKS		.02																								.02
PITTSFIELD WATER WORKS		.01																								.01
SPRINGFIELD WB CITY			.01																							.01
--23d--																										
CAIRO WB CITY																			.02	.02	.02	.02				.08
GLENDALE EXP FARM									.02	.02	.02															.06
GOLCONDA DAM 51								*	*	*	*	*	.03													.03
MORRISONVILLE														.03	.02											.05
--24th--																										
CAIRO WB CITY											.01	.03	.04	.03	.02	.02	.02	.02	.01							.20
--25th--																										
ROCKFORD CAA	6													*	*	*	*	*	.03							
--30th--																										
ALEXIS WATER WORKS		*	*	*	*	*	.02																			.02
AUGUSTA HIGH SCHOOL										.02																.02
BRADFORD CAA	6							*	*	*	*	*	.01													
CAIRO WB CITY															.01	.03	.03	.03								.10
FREEPORT SEWAGE PLANT		*	*	*	*	*	.02																			.02
GLENDALE EXP FARM																.04	.03	.03								.10
GOLCONDA DAM 51																.05	.04	.04	.02							.15
MOLINE WB AIRPORT	//								.01																	.01
MURPHYSBORO WATER WORKS	//													*	*	*	*	*	.02							.02
QUINCY CAA	6							*	*	*	*	*	.02													
QUINCY DAM 21										.03																.03

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F°, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F, are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Amounts in Table 4 are from recording gages. Traces are not shown. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown.

Data in Table 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
+ And also on later dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Precipitation measured at 6-hourly intervals, no recording gage.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record.
R Station equipped with recording gage only.
S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
T Trace, an amount too small to measure.
V Includes total for previous month.
Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, Monthly and Annual; $1.50 per year.(Yearly subscription includes the Annual Summary).Checks, postal notes and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	75	82	76	71	70	66	85	88	87	80	68	70	75	68	68	72	77	76	75	71	67	63	62	50	57	56	61	73	72	60	45	69.9
	MIN	41	48	64	58	54	57	57	67	65	60	49	39	43	44	44	46	45	51	55	59	57	35	40	35	31	25	32	40	43	40	21	46.6
ALTON DAM 26	MAX	74	70	76	71	69	74	84	87	84	82	70	71	73	74	60	77	78	76	64	74	69	64	63	50	58	56	60	75	74	62	45	69.8
	MIN	41	53	62	62	60	60	60	65	65	64	56	45	43	43	42	44	46	56	55	60	48	42	46	40	37	32	30	34	40	32	28	48.1
ANNA	MAX	75	73	67	69	67	74	83	80	84	81	84	78	70	73	74	71	77	77	78	82	71	69	70	58	64	56	65	70	72	63	52	71.8
	MIN	42	57	61	64	60	60	58	64	62	67	69	52	42	45	45	48	49	50	52	59	64	43	40	45	42	38	31	38	39	45	34	50.5
ANTIOCH	MAX	73	77	74	67	61	66	80	83	81	82	63	63	72	62	62	65	69	72	70	68	67	67	52	48	52	50	56	68	68	56	42	65.7
	MIN	41	45	63	53	44	54	53	62	67	59	50	42	45	47	42	35	44	46	54	55	57	34	36	31	30	27	35	41	43	41	28	45.3
AURORA COLLEGE	MAX	75	76	70	70	65	69	83	86	85	83	65	66	72	65	62	67	72	76	75	72	70	66	64	60	56	51	60	70	72	65	43	68.7
	MIN	39	62	62	55	50	56	53	64	66	53	57	40	38	39	48	37	47	48	50	57	50	35	40	34	35	30	30	39	45	40	37	46.3
BELLEVILLE SCOTT AF	MAX	75	72	71	70	66	73	84	85	83	81	72	67	70	71	64	70	75	75	66	73	69	60	68	54	60	52	62	70	72	60	44	68.8
	MIN	42	54	64	64	62	60	59	66	66	70	61	49	47	48	48	50	51	48	55	60	55	43	46	44	39	35	31	35	40	41	29	50.4
BLOOMINGTON NORMAL	MAX	71	71	68	72	72	68	83	86	87	84	76	67	71	73	68	70	72	74	74	72	71	69	65	60	58	56	60	70	70	63	47	69.9
	MIN	43	55	63	65	58	59	59	66	67	67	59	43	42	42	42	41	48	50	57	59	62	37	43	35	30	27	29	39	47	43	29	48.6
CAIRO WB CITY	MAX	76	73	68	69	69	77	84	79	84	83	84	70	71	73	73	70	77	77	77	82	74	68	70	56	62	56	66	68	73	62	47	71.5
	MIN	47	63	64	65	64	64	63	68	66	70	69	54	51	52	52	55	53	54	57	65	68	49	45	48	47	43	38	43	45	47	35	55.0
CARBONDALE SEWAGE PL	MAX	76	78	69	69	69	77	84	83	86	81	80	67	69	73	73	68	77	80	77	84	71	69	71	65	63	57	65	70	73	66	55	72.4
	MIN	33	50	63	65	63	62	58	66	65	69	65	54	40	44	43	49	46	46	49	60	65	45	39	50	44	38	28	32	33	40	34	49.5
CARLINVILLE 4E	MAX	73	70	71	75	68	71	85	86	85	82	68	66	69	71	62	70	74	77	66	71	69	66	64	54	60	51	59	70	71	62	48	68.8
	MIN	36	48	62	65	60	60	58	66	66	68	58	44	38	38	48	42	40	46	52	60	63	38	42	41	29	29	23	33	38	40	27	47.0
CARLYLE	MAX	77	75	69	70	68	74	85	87	88	82	78	69	69	73	69	74	78	77	69	76	71	68	70	58	63	56	65	72	73	60	49	71.4
	MIN	37	39	51	54	59	60	58	66	65	69	58	47	40	43	45	47	47	48	51	58	62	40	42	43	35	31	27	31	35	42	29	47.1
CHARLESTON	MAX	45	50	62	65	62	62		58	65	67	60	48	38	47	45	45	51	53	58	55	62	40	42	42	34	32	29	35	40	43	34	49.0
	MIN	78	80	77	72	72	65		85	81	81	78	67	70	71	67	73	77	79	73	70	69	67	68	60	64	57	64	72	66	66	47	70.5
CHICAGO HEIGHTS	MAX	78	76	67	70	69	66	83	86	87	84	69	61	72	68	64	69	71	76	74	70	71	65	63	59	57	63	68	70	71	60	46	69.5
	MIN	38	48	62	47	52	56	56	62	67	67	54	41	40	40	35	43	46	51	55	58	60	36	43	35	29	27	32	40	45	42	33	46.5
CHICAGO UNIVERSITY	MAX	74	75	70	69	64	67	82	85	85	83	63	60	71	62	59	62	64	69	70	70	71	58	58	47	55	50	57	69	70	57	43	65.8
	MIN	49	52	64	57	58	58	60	57	57	67	58	49	47	52	53	48	57	55	59	61	50	38	45	39	37	34	36	43	48	42	36	50.9
CHICAGO WB AIRPORT	MAX	78	75	72	69	65	66	85	87	86	84	64	63	73	64	61	65	70	75	73	70	71	58	60	49	56	50	59	70	71	56	43	67.4
	MIN	42	49	63	57	55	57	56	62	67	64	56	43	42	46	45	41	50	48	57	58	48	36	42	34	31	30	31	36	45	39	30	47.1
CHICAGO WB CITY	MAX	70	75	70	68	63	66	83	85	85	83	66	60	70	63	57	60	65	67	68	70	71	57	60	47	56	50	57	69	70	56	43	65.5
	MIN	54	56	64	57	57	58	60	67	69	66	59	50	50	55	54	54	57	60	58	62	63	39	46	39	39	35	39	46	50	40	36	52.9
CICERO	MAX	77	77	70	67	65	66	84	87	88	85	67	67	73	66	63	66	72	75	72	70	71	69	64	52	55	52	59	70	72	61	45	68.6
	MIN	42	47	63	56	53	57	55	61	67	65	56	44	41	44	52	41	50	50	57	58	61	34	37	28	28	23	30	38	41	42	23	44.6
DANVILLE	MAX	72	75	71	76	72	68	82	86	88	83	76	63	68	70	65	70	74	77	77	69	70	63	67	55	59	52	58	69	70	61	48	69.5
	MIN	36	46	64	64	60	62	64	62	65	63	57	45	36	42	46	42	55	56	55	59	60	39	43	40	32	32	26	31	39	42	35	48.3
DECATUR	MAX	79	64	67	73	69	67	85	88	88	83	77	70	71	75	65	73	74	78	72	72	70	65	61	52	61	53	63	71	72	60	44	69.7
	MIN	47	52	62	64	60	60	59	66	65	68	58	44	40	40	46	42	49	54	58	59	63	39	44	39	32	30	30	35	45	44	30	49.2
DIXON	MAX	75	81	72	67	66	64	84	87	85	83	69	78	75	69	67	70	75	76	71	70	68	64	62	51	53	52	58	70	71	62	44	69.0
	MIN	36	46	63	53	48	56	54	66	67	63	46	36	41	42	42	36	41	47	57	58	61	34	37	28	28	23	30	38	41	42	23	44.6
DU QUOIN	MAX	76	76	68	69	70	74	83	82	84	81	77	67	67	71	68	70	75	77	78	82	70	69	70	62	61	53	62	68	70	61	51	70.7
	MIN	40	58	62	66	62	61	61	67	66	66	62	51	44	46	43	49	46	50	53	60	64	43	42	46	42	37	31	35	36	46	33	50.6
EAST ST LOUIS	MAX	75	74	74	71	68	77	86	88	86	84	72	68	71	73	64	73	77	77	68	74	70	67	64	59	62	54	63	72	75	61	49	70.8
	MIN	39	56	63	66	63	62	62	67	66	72	60	49	42	44	49	48	47	51	56	61	65	42	44	45	39	37	32	36	40	44	31	50.9
EFFINGHAM CAA	MAX	76	79	67	72	67	69	86	85	86	82	70	65	69	71	67	72	74	71	74	72	71	59	65	50	61	52	63	70	71	61	44	69.1
	MIN	39	56	61	63	61	60	59	63	62	67	60	45	41	45	47	46	49	50	53	60	56	41	39	42	34	32	29	31	37	43	26	48.3
ELIZABETHTOWN	MAX	78	78	66	68	67	73	85	81	86	81	85	80	70	75	72	73	78	79	79	86	71	71	71	64	65	57	70	72	74	69	52	73.4
	MIN	43	55	62	64	63	62	59	64	62	67	69	58	46	56	47	50	54	50	52	61	65	46	40	50	45	39	36	36	43	50	35	52.5
FAIRFIELD	MAX	76	82	70	69	68	71	84	83	84	83	70	70	73	76	74	80	80	87	81	78	68	69	61	62	55	63	69	74	60	54	72.8
	MIN	41	53	62	65	62	62	65	64	63	67	67	52	42	47	47	57	52	55	55	59	61	42	44	48	41	38	32	36	36	45	36	51.5
FLORA	MAX	75	81	73	72	70	73	85	85	85	86	78	69	69	74	69	73	76	77	74	78	78	68	72	61	61	54	62	73	71	62	55	72.2
	MIN	41	54	63	66	62	59	58	65	64	67	65	50	41	46	48	50	52	54	54	59	56	44	44	46	39	35	29	35	38	45	35	50.4
FREEPORT	MAX	73	78	70	66	69	60	82	85	81	80	67	69	75	68	67	70	74	74	66	68	67	59	57	49	51	53	58	69	70	57	42	66.9
	MIN	32	41	61	47	39	52	50	65	64	61	47	33	43	40	32	31	34	39	53	55	51	33	30	25	27	22	30	41	35	38	23	41.1
FULTON DAM 13	MAX	74	78	72	69	67	64	83	85	81	80	70	68	72	68	65	70	70	73	71	67	67	59	56	52	52	54	58	66	68	62	44	67.3
	MIN	40	46	64	57	53	55	54	65	66	64	48	42	42	47	45	40	45	49	56	60	56	36	45	37	32	31	32	38	41	43	29	47.0
GALESBURG	MAX	75	78	75	70	70	64	85	87	85	81	68	72	75	70	68	71	78	75	75	72	69	61	62	53	55	55	60	72	70	60	50	69.7
	MIN	40	52	64	59	58	57	60	66	67	56	50	40	46	44	49	45	46	53	58	59	44	35	43	34	32	28	36	42	46	32	24	47.3
GALVA	MAX	75	78	75	69	67	67	84	87	87	82	67	70	73	68	66	69	75	75	73	73	70	65	64	49	56	59	60	72	71	57	44	69.3
	MIN	42	47	63	59	55	56	50	65	65	61	47	40	42	46	46	42	47	50	54	58	60	34	40	33	29	26	30	38	42	41	23	46.2
GOLCONDA DAM 51	MAX	75	75	66	67	67	74	84	75	85	81	83	69	68	74	70	72	77	79	77	84	72	69	75	64	64	57	65	74	73	62	48	71.8
	MIN	43	52	61	63	62	61	57	58	60	65	66	51	47	51	49	53	50	50	52	59	65	45	41	47	45	39	36	38	42	46	30	51.1
GREENVILLE	MAX	72	71	68	70	67	70	82	85	83	81	74	65	69	72	65	71	76	75	67	73	69	66	64	56	61	53	63	70	73	60	56	69.3
	MIN	44	53	62	65	62	60	58	65	65	68	57	47	44	47	47	47	51	52	54	58	63	40	42	43	36	33	32	37	40	44	29	49.8
GRIGGSVILLE	MAX	75	74	80	77	74	72	86	88	85	85	69	70	72	73	68	72	76	78	70	75	70	67	60	56	61	55	62	73	73	65	49	71.3
	MIN	33	46	60	61	59	51	57	63	64	62	55	40	42	43	46	41	45	48	60	58	61	34	43	36	33	27	38	40	45	44	21	47.0
HARRISBURG	MAX	79	82	69	70	68	75	86	83	88	84	86	70	70	73	74	73	78	80	81	85	72	63	74	57	69	56	64	70	76	63	46	73.0
	MIN	36	53	62	63	62	63	55	63	61	66	65	55	40	45	44	50	47	46	49	59	64	44	38	48	44	37	28	33	35	42	35	49.4
HAVANA	MAX	75	73	75	71	71	66	85	87	87	84	65	68	72	72	64	71	74	78	73	69	70	68	64	53	60	53	59	71	72	56	46	69.4
	MIN	36	47	63	62	60	60	58	68	68	65	55	43	40	42	46	41	44	50	53	57	62	37	45	38	28	29	28	35	40	45	26	47.5
HENRY	MAX	79	80	70	73	68	65	86	89	91	84	66	74	79	78	73	75	79	77	76	74	70	67	68	56	59	59	64	75	76	60	49	72.2
	MIN	38	45	62	60	56	59	57	66	69	68	57	41	42	42	51	38	43	47	56	58	61	36	44	33	28	26	30	36	46	45	28	47.3
HILLSBORO	MAX	75	70	69	70	69	68	85	86	85	81	73	67	69	71	65	70	74	74	67	72	69	65	63	55	61	54	62	69	70	59	48	68.9
	MIN	40	51	62	65	61	61	57	65	65	69	56	45	39	43	46	43	41	48	52	58	63	39	42	42	32	31	26	32	39	42	29	47.9
HOOPESTON	MAX	78	72	66	75	71	66	84	85	88	83	75	66	70	73	64	70	75	76	75	67	71	66	64	54	59	52	60	69	70	62	49	69.5
	MIN	38	47	62	64	59	60	56	60	65	66	58	45	36	43	45	40	52	51	55	56	59	38	42	35	32	30	27	32	40	40	34	47.3
JACKSONVILLE	MAX	76	70	74	74	70	72	86	89	86	82	68	70	73	74	67	74	77	78	70	76	70	68	60	55	62	53	65	74	74	56	46	70.6
	MIN	38	47	63	63	63	61	57	68	67	68	58	43	39	37	47	40	40	48	52	58	63	37	41	40	30	31	28	36	40	40	26	47.4
JERSEYVILLE	MAX	74	72	74	71	70	72	84	87	85	83	70	68	70	72	65	76	75	76	69	72	71	69	62	59	60	56	60	71	72	67	48	70.3
	MIN	41	51	62	65	60	62	63													61	45	39	43	43	34	31	31	38	43	45	26	
JOLIET WB AIRPORT	MAX	77	72	69	74	67	68	83	86	86	84	63	66	71	66	64	70	72	76	73	70	70	59	63	51	56	52	58	69	71	56	44	67.9
	MIN	35	44	63	57	52	56	55	61	66	62	55	42	38	38	39	35	45	46	56	57	48	36	37	30	25	28	27	32	40	38	23	44.1
KANKAKEE	MAX	75	71	68	72	69	66	81	85	86	82	68	65	69	70	63	69	71	74	72	69	71	69	65	52	57	52	57	69	69	60	46	68.1
	MIN	40	46	62	58	54	58	56	61	67	66	58	45	39	41	49	41	50	48	54	56	58	39	43	36	30	30	27	34	41	43	34	47.2
KANKAKEE 4 W	MAX	75	70	68	72	68	65	82	85	86	83	67	63	70	69	62	68	70	74	73	67	70	68	63	52	58	52	58	70	71	59	48	67.8
	MIN	38	44	62	59	53	57	55	60	66	67	56	42	37	39	45	38	49	48	54	55	58	36	42	33	27	27	26	32	40	42	33	45.8
KEWANEE	MAX	70	77	73	67	62	62	82	83	86	78	70	69	72	67	63	69	73	68	71	67	69	64	58	50	51	51	62	68	70	57	43	66.8
	MIN	40	45	55	60	52	50	53	64	65	68	46	50	48	49	43	39	42	48	51	54	56	34	32	32	30	26	29	39	42	42	23	45.4
LA HARPE	MAX	74	79	79	75	72	68	87	88	86	80	69	71	72	70	69	72	76	77	75	74	70	65	64	49	60	55	61	72	70	65	44	70.6
	MIN	38	47	64	61	58	58	57	67	66	60	48	32	40	40	46	42	45	50	55	56	62	34	42	33	29	25	34	38	44	42	22	46.3
LA SALLE	MAX	80	79	71	75	68	68	86	89	88	84	64	68	74	69	70	72	76	78	75	75	71	67	64	51	56	52	60	72	72	57	44	70.2
	MIN	39	45	64	60	54	59	57	65	69	64	55	42	42	41	50	38	44	47	57	60	61	37	46	32	27	27	29	36	46	44	27	47.2
LINCOLN	MAX	77	65	69	74	70	67	85	87	89	83	65	68	71	75	63	72	75	75	72	70	73	66	63	52	61	52	60	72	71	59	45	69.8
	MIN	41	50	63	64	59	60	58	65	66	64	57	42	40	40	45	41	45	52	56	57	62	38	43	35	30	29	29	36	43	41	27	47.7
MARENGO	MAX	77	81	72	66	67	69	84	86	82	84	67	66	73	68	65	70	75	78	72	73	69	65	58	49	55	51	59	71	70	56	42	68.4
	MIN	37	42	62	54	47	54	51	63	65	57	56	37	43	41	38	32	41	44	50	55	56	34	40	27	26	24	30	34	44	41	26	43.6
MATTOON	MAX	74	77	66	69	69	66	82	84	84	81	70	63	67	70	64	69	72	76	71	68	70	57	64	48	58	50	60	68	69	59	43	67.4
	MIN	43	55	63	63	62	59	57	65	65	67	58	44	39	48	45	45	52	52	55	56	56	46	43	42	38	32	30	33	39	43	30	49.2
MC LEANSBORO	MAX	75	80	68	70	70	73	85	82	85	85	87	74	69	72	73	73	77	79	78	83	73	70	70	62	58	64	68	73	63	53	73	73.0
	MIN	42	55	62	65	62	62	58	66	63	67	68	53	43	48	47	51	51	50	53	59	64	45	41	40	43	38	32	37	38	45	35	51.1
MINONK	MAX	78	72	68	70	68	65	85	88	87	83	63	68	73	71	64	70	75	75	74	72	69	67	64	51	58	54	60	70	70	61	46	69.0
	MIN	39	45	55	62	56	55	55	63	66	60	54	41	40	41	47	40	46	49	55	53	58	35	38	32	26	24	27	32	39	40	28	45.2
MOLINE WB AIRPORT	MAX	74	80	75	67	68	63	85	87	83	81	68	69	74	68	66	70	74	74	72	71	68	61	60	49	54	53	60	70	70	57	41	68.1
	MIN	40	46	65	58	55	56	60	68	69	58	48	39	44	42	43	38	40	47	55	60	63	37	40	32	32	29	34	42	46	51	25	45.9
MONMOUTH	MAX	73	80	76	73	70	71	84	86	85	78	64	72	72	68	68	72	76	76	75	75	70	63	58	52	55	54	62	70	68	63	42	69.4
	MIN	34	47	63	61	57	56	56	56	60	46	39	40	41	47	40	40	50	53	58	58	58	34	37	33	28	24	31	36	39	39	23	44.9
MORRIS 3 NE	MAX	77	73	70	73	68	68	84	88	88	85	67	66	76	68	66	69	73	76	74	71	71	70	63	54	56	52	60	71	72	61	45	69.5
	MIN	37	44	62	58	53	57	54	63	67	65	55	40	39	39	47	38	45	45	54	57	56	36	41	30	27	25	28	33	44	42	30	45.5

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MORRISON	MAX	76	81	72	67	67	63	84	88	80	81	68	70	76	70	68	71	75	74	72	70	68	60	60	51	54	53	60	72	72	59	44	68.6
	MIN	39	43	60	55	48	53	52	62	63	58	44	34	38	38	39	33	37	45	53	56	55	32	39	29	27	22	27	34	38	39	24	42.5
[illegible]	MAX	70	67	69	73	68	69	84	86	85	82	69	67	69	71	59	70	75	77	67	71	71	66	63	54	59	52	60	69	70	62	48	68.5
	MIN	40	50	63	65	62	61	58	66	65	67	57	45	40	41	45	42	46	48	53	55	57	39	41	42	31	29	26	35	40	41	29	47.7
MT CARMEL	MAX	78	82	75	68	68	73	75	85	83	86	82	78	72	75	76	75	76	81	77	80	75	70	70	65	64	60	65	65	65	65	55	73.0
	MIN	42	52	62	63	62	62	57	61	58	63	67	56	41	46	46	50	52	53	53	60	63	45	42	49	42	38	31	37	48	47	38	51.2
MOUNT CARROLL	MAX	74	79	71	67	68	61	82	86	80	80	67	67	74	68	68	70	74	75	71	68	67	59	67	49	51	52	59	67	70	59	41	67.5
	MIN	34	41	62	55	45	54	53	65	68	64	44	36	38	41	35	33	37	43	54	57	57	34	38	29	27	24	33	41	36	40	25	43.3
MT VERNON	MAX	80	84	66	68	66	70	85	87	88	80	76	70	70	76	69	77	75	79	74	81	70	63	68	54	67	58	67	72	75	60	43	71.5
	MIN	40	50	50	60	58	57	53	62	59	62	67	48	39	41	42	48	50	46	50	54	60	40	35	42	39	32	30	32	32	40	29	46.7
NEW BURNSIDE	MAX	76	77	67	70	67	73	83	79	83	81	84	71	69	72	71	68	75	80	81	85	71	70	73	58	63	54	65	70	75	63	50	71.7
	MIN	38	55	61	63	61	61	61	65	64	66	69	52	38	42	40	49	46	47	55	61	65	44	41	46	43	38	27	33	38	48	31	49.9
NEWTON	MAX	77	74	70	74	71	70	85	87	84	80	78	72	74	73	74	76	77	81	76	74	72	68	64	55	65	57	66	72	73	63	58	72.3
	MIN	50	60	63	65	62	62	61	62	60	58	54	45	42	48	46	43	50	56	60	60	64	53	46	42	35	34	26	37	47	45	38	50.8
OTTAWA	MAX	76	74	69	73	67	67	84	87	88	84	66	68	74	70	69	71	76	77	72	73	71	68	66	53	57	55	60	73	73	57	46	69.8
	MIN	41	47	63	59	54	59	56	66	67	66	55	42	41	42	49	39	46	49	56	60	60	37	45	39	29	27	30	37	46	45	30	47.8
PALESTINE	MAX	79	84	67	70	67	69	83	84	87	84	83	67	70	72	67	73	75	80	80	74	69	68	72	55	62	55	64	70	72	64	53	71.6
	MIN	37	48	62	65	63	62	52	62	63	66	65	43	38	45	45	47	49	48	52	57	63	42	41	45	37	33	26	32	38	47	29	48.5
PANA	MAX	78	73	69	73	69	69	86	88	90	83	70	66	71	72	66	72	76	80	72	70	70	66	67	54	60	51	62	70	73	61	46	70.1
	MIN	38	48	61	63	60	58	55	62	63	66	55	43	39	44	45	43	48	51	51	55	61	36	39	40	32	29	27	35	38	40	30	46.9
PARIS WATER WORKS	MAX	78	80	72	72	70	67	85	85	86	83	78	65	70	69	66	72	76	78	75	72	69	74	67	56	60	50	62	69	70	62	48	70.5
	MIN	41	49	62	65	63	63	59	61	64	67	60	50	39	46	45	42	49	53	52	64	62	40	42	42	35	34	29	34	41	45	35	49.5
PEORIA WB AIRPORT	MAX	74	71	71	70	69	65	83	85	85	82	63	68	71	72	64	71	75	74	73	69	68	59	64	49	57	52	58	70	70	53	42	67.7
	MIN	45	52	63	59	59	58	59	66	67	58	52	42	45	43	50	43	46	51	58	58	46	37	40	34	30	27	34	37	42	35	26	47.2
PONTIAC	MAX	74	66	68	71	69	66	82	85	84	82	65	65	69	70	63	69	71	74	72	70	71	68	64	53	58	51	58	70	70	57	46	67.8
	MIN	41	47	62	62	56	59	56	62	67	64	56	42	41	42	49	41	48	49	55	57	58	37	43	34	30	28	25	35	43	43	30	47.3
QUINCY	MAX	75	78	81	71	68	72	85	88	83	79	66	68	69	70	65	69	73	74	72	72	71	62	62	52	61	52	61	71	71	59	40	69.0
	MIN	45	54	65	66	61	59	63	68	58	59	53	40	44	44	49	44	45	51	55	61	50	38	48	38	33	29	35	44	46	39	25	48.7
QUINCY CAA	MAX	73	77	80	71	68	72	85	87	86	80	65	69	73	71	68	71	76	75	72	74	71	60	63	47	60	54	60	70	70	53	41	69.1
	MIN	40	49	62	62	60	59	60	65	65	54	46	38	44	44	48	42	45	49	53	61	40	35	43	34	31	26	32	38	41	31	21	45.7
RANTOUL CHANUTE AF	MAX	75	67	67	74	71	65	81	85	85	81	62	65	68	72	62	70	73	73	72	70	70	57	64	51	58	52	60	68	69	59	44	67.4
	MIN	46	49	63	61	59	61	56	61	65	60	58	47	45	51	48	43	53	55	56	58	53	39	44	37	37	31	31	35	40	42	31	48.9
ROBERTS 3 N	MAX	77	70	67	71	67	66	81	85	86	82	68	63	69	70	60	67	70	75	74	72	70	67	68	54	58	50	58	70	70	60	47	68.1
	MIN	36	45	61	63	51	58	55	60	65	66	56	43	39	42	45	39	48	47	53	55	59	36	41	33	30	28	27	33	40	40	30	45.9
ROCKFORD	MAX	77	82	71	68	67	65	84	86	83	83	67	69	75	69	69	72	76	76	70	72	68	67	59	62	53	53	59	72	73	60	44	69.4
	MIN	40	44	60	57	41	55	53	65	67	67	49	39	43	44	37	35	40	44	56	54	59	34	40	28	31	24	31	40	43	43	25	44.8
ROCKFORD CAA	MAX	74	80	70	68	69	66	82	86	84	82	68	67	74	66	66	68	74	75	70	70	68	58	58	47	53	52	58	69	70	53	42	67.3
	MIN	35	43	63	44	42	54	52	63	68	54	47	38	40	43	37	34	39	41	55	57	44	33	32	26	29	24	28	37	40	32	25	41.9
RUSHVILLE	MAX	71	76	78	72	69	71	85	87	88	82	65	70	73	75	68	72	76	77	74	75	70	67	64	56	61	55	61	72	61	58	45	70.1
	MIN	42	51	65	60	58	58	59	66	66	65	54	41	43	45	49	43	43	49	48	56	62	37	47	37	30	28	32	47	42	45	26	48.2
SPARTA	MAX	77	76	69	68	68	75	85	87	85	80	78	70	76	74	72	71	78	78	76	80	69	67	71	58	65	57	65	72	76	60	49	72.3
	MIN	39	53	61	64	62	60	58	64	66	69	60	49	43	45	48	47	48	48	52	59	62	41	42	48	40	35	31	35	37	49	31	49.9
SPRINGFIELD WB AIRPORT	MAX	74	67	70	73	70	70	83	84	86	82	67	66	70	73	64	71	74	74	69	74	70	59	59	50	58	50	58	69	70	58	42	67.9
	MIN	42	51	63	64	61	60	61	69	67	63	55	43	42	40	47	42	45	52	56	58	47	38	43	39	32	30	30	38	44	35	27	47.9
SPRINGFIELD WB CITY	MAX	76	67	71	75	71	71	85	87	86	83	67	67	71	74	64	72	75	76	70	72	71	60	60	51	60	51	60	71	72	60	44	69.0
	MIN	44	53	63	65	61	62	60	68	68	64	56	46	47	48	49	46	52	55	56	59	49	40	47	40	38	33	34	42	47	37	30	50.3
STOCKTON	MAX	73	77	72	68	67	61	81	85	80	78	69	66	73	65	65	68	73	74	66	67	66	63	56	48	49	51	58	66	69	61	40	66.3
	MIN	43	47	60	52	39	52	52	63	65	59	50	38	45	44	33	33	36	41	53	56	57	32	40	27	32	24	33	40	42	40	22	43.5
SYCAMORE	MAX	75	78	69	67	63	67	82	85	83	83	64	65	73	67	65	68	74	76	70	70	68	66	59	49	63	50	57	70	68	58	42	67.5
	MIN	38	42	62	53	48	55	53	61	65	59	48	38	38	41	40	35	42	45	55	56	57	33	40	27	27	24	29	34	42	41	26	43.7
TABLE GROVE	MAX	74	77	75	70	70	67	85	88	87	83	68	70	73	73	68	72	76	75	75	73	71	66	64	57	61	53	61	73	73	57	41	70.2
	MIN	41	50	63	63	58	58	58	67	68	68	55	41	46	50	49	45	46	52	53	57	62	35	44	36	34	27	33	41	46	41	24	48.7
TUSCOLA	MAX	72	76	69	73	70	66	82	84	84	82	80	70	69	72	65	72	73	77	74	72	71	67	62	59	61	53	60	71	69	62	51	69.9
	MIN	42	44	63	65	62	62	58	63	64	68	59	46	38	46	47	44	53	55	56	55	62	39	41	41	33	31	31	33	39	42	34	48.9
URBANA	MAX	78	70	67	75	70	66	84	86	86	83	72	66	69	72	63	70	73	74	73	70	70	65	63	57	59	52	59	68	69	59	47	68.9
	MIN	39	53	63	63	58	61	57	62	66	68	59	45	39	45	48	43	53	53	57	57	61	38	44	40	33	32	31	34	40	41	33	48.9
VIRDEN	MAX	74	67	71	73	69	71	83	85	83	85	67	67	70	72	63	71	76	74	67	72	69	66	61	54	59	53	58	70	69	60	46	68.6
	MIN	40	48	60	62	59	59	61	64	64	64	55	41	43	41	42	42	45	51	52	57	63	36	31	39	30	28	29	35	39	40	25	46.6
WALNUT	MAX	74	78	71	70	66	65	82	85	82	81	68	64	71	68	65	67	72	73	72	72	71	67	60	54	54	50	57	69	69	64	45	67.9
	MIN	43	48	63	57	53	58	56	65	67	61	51	39	44	42	43	41	43	47	56	59	62	35	42	30	30	25	31	40	43	44	24	46.5
WATSEKA	MAX	75	71	66	72	68	66	82	84	87	83	72	65	70	72	63	70	72	76	73	67	70	68	65	54	59	52	58	70	70	61	48	68.7
	MIN	37	44	61	63	57	59	57	61	65	67	57	44	37	40	49	40	51	50	53	56	60	38	43	36	31	30	27	34	41	40	34	47.2
WAUKEGAN	MAX	73	79	71	67	64	67	83	85	84	83	65	64	74	61	61	65	67	70	65	69	69	66	58	48	54	52	59	70	70	57	43	66.5
	MIN	41	45	63	52	45	55	53	59	66	60	51	41	42	45	41	33	43	45	52	55	56	34	41	30	30	27	30	37	42	41	30	44.7
WHITE HALL 1 E	MAX	75	73	77	75	73	74	85	88	86	85	69	70	72	72	70	74	78	76	74	72	70	67	61	59	61	60	61	73	71	70	48	71.6
	MIN	39	49	62	65	63	60	58	66	65	65	56	43	41	40	48	44	44	48	53	59	63	37	40	41	31	30	29	34	39	41	26	47.7
WINCHESTER	MAX	75	75	68	72	70	65	84	86	86	81	76	65	67	70	67	70	75	78	71	69	70	65	65	54	60	55	58	68	69	58	47	69.0
	MIN	43	50	62	64	60	61	57	63	63	68	58	45	37	43	43	43	50	53	54	55	61	38	41	40	32	34	28	34	38	40	31	48.0

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
CARBONDALE SEWAGE PL	EVAP	.12	.25	.05	.05	.02		.09	.17	.12	.04	.18	.30	.06	.10	.23	.12	*	.04	.15	*	.25		.13	.10	.07	.17	.09	*	.16	.01	.17	3.47B
	WIND	21	51	95	80	35	95	80	50	67	56	160	73	54	30	25	40	11	14	18	22	80	83	34	40	49	18	34	7	9	38	82	1551
SPRINGFIELD WB AIRPORT	EVAP	.20	.27	*	*	.04		.33	.28	.21	.20	.20	.06	.13	.12	.25	.03	.10	.12	.13	.06		.12	.20	.03	.06	.09	.08	.09	.09	.21	.17	4.14B
	WIND	68	101	104	101	14	130	105	166	137	140	150	104	55	15	80	53	12	39	42	80	119	134	105	125	73	93	41	54	58	105	217	2820
URBANA WATER WORKS	EVAP	.12	.07	*	.10	.07	.01	.18	.01	.13	.20	*	*	*	.17	.09	.09	.05	.10	.15	*	.35	.38	.40	.30	.08	.12	.39	.41	.33	.28	.12	5.89B
	WIND	36	15	56	34	21	90	61	42	68	94	47	25	22	21	66	35	5	5	52	57	46	46	62	38	38	36	*	81	81	90	90	1464

SNOWFALL AND SNOW ON GROUND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CAIRO WB CITY	SNOWFALL																															T
	SN ON GND																															
HARRISBURG	SNOWFALL																															T
	SN ON GND																															

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	8P	8P	PHY'S DEPT AURORA C	2 3 5
BARRY	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	MATTHEW W DART	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA AP	0873	BUREAU	1	41 13	89 37	795		MID	U S CIVIL AERO ADM	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 4 W	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN IS	1420	GRUNDY	1	41 24	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	2 3 5
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PLANT	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5
DANVILLE HOSPITAL	2143	VERMILION	7	40 08	87 39	575		MID	LAKEVIEW HOSPITAL	3 4
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	CLOSED
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	WILLARD D STAGGS	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA AP	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	U S CIVIL AERO ADM	2 3 4 5
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 27	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 31	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	ESTALOY M MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 41	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 03	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 53	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5
HARRISBURG 4 E	3884	SALINE	5	37 44	88 28			6A	GEORGE H DAVIS	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L L EUTENEUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	IRVING R STROH	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 40	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	6P	6P	EDWIN M PORTER	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56	620	6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
LEROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	GILBERT L WOOD	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL 1 W	5380	CLARK	7	39 23	87 43	606		6P	E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	CHARLES E FLINSPACH	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	JOHN C CASSENS	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5
MONMOUTH	5768	WARREN	4	40 54	90 39	763	6P	6P	DE KALB AGR ASSN	2 3 5
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	GRUNDY	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 49	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 3 5
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 35	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY	6446	RICHLAND	7	38 44	88 05	481	6P	6P	CHARLES R LEE	2 3 5
OREGON POWER PLANT	6492	OGLE	6	42 01	89 20	702		6P	LEWIS SCHNEIDER	3 4
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 20	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	LEWIS TEBEAU	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 40	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA AP	7072	ADAMS	4	39 56	91 11	670	MID	MID	U S CIVIL AERO ADM	2 3 4 5
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 24			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 18	88 09	744	MID	MID	US AIR FORCE	2 3 4 5
RED BUD	7157	RANDOLPH	2	38 1[illegible]	[illegible]	441		5P	[illegible] H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA AP	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	U S CIVIL AERO ADM	2 3 4 5
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE	7603	JASPER	7	38 56	88 01	448		7A	JUDSON E CAMERON	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 49	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAECKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 2 E	8604	BUREAU	1	41 18	89 28	512		6P	BERT L HAND	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 23	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 46	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	98 35	385		7A	PAUL F NICHOLS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	89 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5
NEW STATION										
BLOOMINGTON	0761	MC LEAN	1	40 30	89 01			7A	C C WILLIAMS	3

‡ - DRAINAGE CODE 1 Illinois; 2 Kaskaskia, 3 Lake Michigan, 4 Mississippi, 5 Ohio 6 Rock; 7 Wabash

See reference notes following Table 4.

GPO CO 790 48 6-48 1,000

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

NOVEMBER 1949
Volume LIV No. 11



CHICAGO: 1949

ILLINOIS - NOVEMBER 1949

E. W. Holcomb, Section Director - Springfield

GENERAL SUMMARY

Very dry conditions prevailed throughout the month, this being the driest November since 1933 and the fourth driest of record. Two stations, Grafton and Grand Tower, recorded only a trace of precipitation, while a few localities received over an inch of rain during the month. Mild weather characterized much of November, the mean temperature for the State being 44.2° or 1.8° above normal. Snowfall of an inch or more was confined to the northern division; Stockton, with 7.0 inches, had the greatest total snowfall.

Cool weather marked the first few days of November. A warm spell began on the 6th and lasted through the 14th, temperatures being unseasonably high from the 7th through the 12th. From the 9th through the 11th temperatures in the 70's were common over most of the State. Several central and southern stations recorded 80°, highest temperature for the month, on the 10th and 11th. The monthly amount of precipitation was 0.67 inch, which was 1.95 inches below normal. The first precipitation of consequence, and generally the heaviest rainfall during the month, occurred on the 12th-14th; most stations in the extreme south received practically all of their November precipitation during this period.

On the evening of the 13th a brief but violent windstorm hit several communities in Sangamon, Logan, Macon, Christian, Shelby, and Moultrie Counties. About 100 new aluminum corn storage bins were damaged or destroyed which was the major damage. In Springfield several trees were blown down, badly damaging an automobile and breaking utility wires. Electric power service was disrupted in a few localities. Total property loss was estimated at $20,000.

From the 15th through the 25th daily temperatures averaged below or near normal, except on the 19th-20th and in the extreme south on the 23d-24th. For most of Illinois the lowest temperatures of the month came on the morning of the 22d, when readings ranged from under 10° in the extreme north to less than 20° at many southern stations. Near the Wisconsin border, however, temperatures dropped even lower on the 26th; on that date Marengo recorded 3°, the lowest temperature reported in November. Mild weather prevailed during the last few days of the month. Light snow occurred on the 16th-17th, but measurable amounts fell only in the extreme north. The last general precipitation in November occurred on the 24th-25th; some northern stations recorded moderate amounts in this period, much of it in the form of snow.

The dry weather of late October and November aided harvesting of corn and soybeans in southern sections. In the north and central portions, however, subsoil conditions became very dry generally. Many wells went dry in the north. The condition of winter wheat averaged good in the north and fairly good to good in the south. Wheat seeding was delayed in the extreme south due to the heavy October rainfall, resulting in some curtailment of acreage in that section. - - GRJ

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal Agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile					Trace	01-09	10-49	50-99	100-199	200 and over	Total			
CAIRO			9.8	29	SW	19					6	1	0	1	0	0	9	74	3.3	466
CHICAGO AIRPORT	W	14	12.0	36	S	1	73	80	60	70	11	3	3	0	0	0	17	44	6.5	745
JOLIET AIRPORT	SSW	14	12.7				80	84	61	74	6	2	3	0	0	0	11		6.1	766
MOLINE AIRPORT	W	20	11.8	34	SW	22	71	75	55	64	10	1	2	0	0	0	13	47	5.8	695
PEORIA AIRPORT	WNW	14	13.5	42	W	30	75	79	55	65	6	1	3	0	0	0	10	54	5.4	622
SPRINGFIELD AIRPORT	NW	14	15.7	34	S	9	77	81	56	67	7	1	2	0	0	0	10	66	5.0	630

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No of days 01 or more
1890	44.0	78	20	2.19	0.3	6
1891	36.5	74	- 8	5.06	2.1	12
1892	36.4	75	4	3.48	3.5	9
1893	38.9	78	- 9	2.32	3.0	6
1894	37.7	75	4	1.70	1.4	6
1895	39.3	79	- 6	3.78	6.4	9
1896	41.3	80	- 2	2.81	4.2	9
1897	41.3	78	- 8	4.28	0.1	10
1898	38.3	80	- 6	2.27	3.4	8
1899	46.7	80	13	1.94	2.3	7
1900	41.2	83	2	2.99	1.8	9
1901	38.6	81	4	1.38	0.2	5
1902	48.9	89	9	3.13	1.2	9
1903	38.2	85	2	1.09	1.3	5
1904	43.0	78	11	0.26	T	1
1905	42.3	79	4	2.12	T	6
1906	40.7	78	8	3.95	1.5	7
1907	40.2	73	4	2.33	0.7	5
1908	44.1	84	8	2.76	0.2	7
1909	50.9	85	2	4.09	0.3	9
1910	37.6	81	10	1.19	0.2	4
1911	36.4	84	- 2	3.03	2.3	8
1912	43.0	78	8	1.91	0.1	4
1913	48.4	80	11	3.21	T	9
1914	45.1	85	1	0.67	T	4
1915	45.9	85	10	2.42	1.0	7
1916	44.3	82	5	1.97	0.2	5
1917	43.3	79	9	0.64	0.3	4
1918	43.2	76	13	2.29	T	7
1919	40.7	72	10	3.38	0.4	8
1920	40.7	78	8	1.08	0.1	6
1921	42.9	77	7	3.68	1.7	8
1922	45.1	82	11	2.76	1.0	9
1923	43.9	78	15	1.79	0.1	7
1924	43.5	85	3	1.22	0.4	6
1925	40.0	76	1	1.05	3.2	7
1926	37.9	71	1	3.77	5.7	11
1927	45.9	82	12	4.64	0.6	10
1928	43.5	75	15	3.67	0.3	12
1929	37.9	73	- 8	1.79	1.4	7
1930	43.6	83	-11	2.18	1.4	8
1931	51.2	83	16	4.81	1.0	11
1932	37.4	74	7	1.75	5.1	6
1933	41.8	88	- 2	0.65	0.2	5
1934	47.1	82	16	5.65	T	11
1935	41.1	83	7	4.59	0.2	11
1936	39.5	79	6	2.30	0.9	8
1937	38.9	84	0	1.48	3.2	7
1938	44.8	86	3	2.35	1.3	7
1939	41.9	73	15	1.32	0.1	6
1940	40.2	82	- 3	2.89	1.6	8
1941	44.2	79	7	2.63	2.4	8
1942	44.8	80	8	5.12	2.8	12
1943	39.1	79	10	1.75	0.5	
1944	44.9	82	12	1.86	0.6	11
1945	42.8	82	9	2.60	0.5	9
1946	45.3	78	11	4.73	T	10
1947	37.6	69	-20	2.40	4.5	10
1948	45.1	79	14	3.45	T	10
1949	44.2	80	3	0.67	0.7	4
PERIOD	42.4	89	-20	2.62	1.3	

EVAPORATION AND WIND

Table 6

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
CARBONDALE SEWAGE PL	EVAP	.11	.08	*	.14	.10	.08	*	.11	.23	.05			.07	.09	.16	.10																
	WIND	50	86	68	52	80	31	49	84	66	150	190	120	84	66	40	58	84	62	78	135	36	47	160	92	128	30	91	29	71	42		2359
URBANA WATER WORKS	EVAP	.04	.05	.04	.10	.17	.06	.06	.08	.08	.07	.06	.08	.01	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.00	.00	.01	.01	.03	.03	.03		1.29
	WIND	31	31	42	49	27	27	28	47	48	36	42	38	38	48	54	54	48	46	52	58	52	35	62	41	43	33	82	22	29	39		1282

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2

Station	Temperature						No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max. depth on ground	Snow, Sleet, Hail Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	43.5	3.2	75	7+	17	22		17	.40	-1.70	.24	11	T	T	16+	3		
ANTIOCH	38.5	0.6	67	7+	14	22+		19	.65	-1.45	.35	24	4.1	3	24+	3	1	
AURORA COLLEGE	40.3	1.2	70	7+	11	22+		21	.34	-1.97	.07	16	2.7	2	24	7		
CHICAGO HEIGHTS	41.6M		76	7	11	22			.68	-1.52	.30	12	3.0	2	24+	7	1	
CHICAGO UNIVERSITY	41.8	1.7	70	10+	19	22		11	.84	-1.53	.37	24				8	1	
CHICAGO WB AIRPORT	40.1	2.4	71	10	15	22		16	.89	-1.62	.33	24	2.6	1	24+	6	2	
CHICAGO WB CITY	42.6	1.4	69	10	21	22		9	1.38	-1.13	.40	12				7	3	
CICERO	41.3	0.4	71	7	16	22		16	1.02	-1.13	.35	24	3.3	1	24+	7	1	
DIXON	40.3	1.4	72	9	14	26		21	.60	-1.47	.24	13	1.0	1	24	5		
FREEPORT	38.3	0.7	71	7	5	25		22	.94	-1.17	.29	16+	6.6	3	25	6	3	
FULTON DAM 13	42.1	3.1	70	9	18	22		14	.71	-1.37	.52	13				3	1	
GALESBURG	43.4		75	11	18	22		17	.66	-1.64	.36	12	T			5	1	
GALVA	43.0	3.2	74	9+	13	22		19	.69	-1.49	.35	12	T			5	1	
HENRY	43.2	2.1	74	7+	16	22		17	.67	-1.55	.32	12	T	T	24	4	1	
JOLIET WB AIRPORT	39.6	0.9	71	10	12	26		22	.87	-1.41	.38	12	1.8	1	24	5	2	
KANKAKEE	41.8	1.1	72	10+	15	24		17	.53	-1.82	.26	24	2.5	T	24+	4	1	
KANKAKEE 4 W	41.2		72	10+	13	22		20	.64	-1.70	.47	24	1.9	1	24	4	1	
KEWANEE	41.3	1.3	72	7+	15	22		20	1.20	-1.00	.65	12	0.5			5	2	
LA SALLE	42.9	1.9	74	10	17	22		14	.55	-1.43	.29	13	1.1			4	1	
MARENGO	38.5	0.6	71	7	3	26		22	.67	-1.34	.32	24	6.7	3	24+	4	1	
MOLINE WB AIRPORT	41.8	4.3	72	7	18	22		17	.71	-1.11	.45	12	0.5	T	24+	3	1	
MONMOUTH AIRPORT	41.6M	1.2	75	11	15	22		18	.54	-1.73	.26	12	2.1	1	25	6	1	
MORRIS 3 NE	41.6	1.2	72	7+	14	26		17	.63	-1.69	.34	24	1.0	T	24+	4	1	
MORRISON	40.3	0.9	72	7	12	22		23	.57	-1.51	.37	12	1.2	1	24	3	1	
MOUNT CARROLL	40.3	2.5	70	7	15	22+		18	1.30	- .92	.90	12	3.5	2	24+	6	2	
OTTAWA	42.8	1.9	74	10	16	22		15	.51	-1.66	.23	24	T	T	21	5		
PONTIAC	42.4	0.4	74	11	17	22		18	.68	-1.58	.25	12	T	T	21+	5	1	
ROCKFORD	40.2	1.6	73	7	12	26		18	.62	-1.57	.33	24	2.0	1	24	3	2	
ROCKFORD CAA	37.5	1.1	71	7	4	25		20	.73	-1.41	.24	12	4.7	2	24	7		
STOCKTON	39.0		70	7	13	22		20	1.12	- .93	.30	12	7.0	2	24+	6	2	
SYCAMORE	38.3	0.1	71	7	9	26		21	.62	-1.49	.25	24	3.0	2	25+	6	1	
WALNUT	41.8	1.8	71	8	16	22		18	.50	-1.56	.50	24		T	24	1	1	
WAUKEGAN	39.1	-0.1	73	9	9	26		19	.75	-1.36	.39	24	4.0	3	24+	6	1	
DIVISION	41.0	1.5							.73	-1.49			2.3					
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	44.1	2.5	75	11	17	22		16	.73	-1.95	.27	24	T			6	1	
CARLINVILLE 4 E	45.5	1.5	76	11	15	22		16	.65	-2.01	.51	13	T			6	1	
CHARLESTON	45.4	2.0	73	7+	18	22		14	.95	-1.78	.75	13	T			4	1	
DANVILLE	43.2	1.2	74	10+	17	26		16	1.51	-1.12	.66	13	T			6	2	
DECATUR	44.7	1.8	79	11	17	22		17	.51	-1.95	.25	24	T			4	1	
EFFINGHAM CAA	44.4	2.0	77	10+	18	22		15	.39	-2.53	.22	12	T	T	21	5		
GRIGGSVILLE	45.8	2.1	79	10+	16	22		18	.15	-2.28	.08	12				3		
HAVANA	44.5	2.5	76	11	17	22		13	.45	-1.76	.28	13	T			3	1	
HILLSBORO	45.7	1.3	76	10+	16	22		17	.17	-2.39	.05	13	T			4		
HOOPESTON	42.4	0.9	75	10+	17	22+		17	1.19	-1.57	.80	13	T			6	1	
JACKSONVILLE	46.1	3.2	80	10+	16	22		14	.37	-1.99	.32	12	T	T	25	2	1	
JERSEYVILLE	47.1	2.7	78	10	19	22		16					0.1					
LA HARPE	44.3	3.0	78	11	16	22		17	.80	-1.40	.39	12	0.2	T	24+	5	1	
LINCOLN	44.1	1.8	76	11	18	22		14	.54	-1.84	.25	24	T			4	1	
MATTOON	43.6		75	10+	21	22		15	.46	-2.22	.31	12	T			4	1	
MORRISONVILLE 1 E	44.8	1.8	76	11	16	22		18	.65	-1.75	.41	12	T	T	21	5	1	
NEWTON	46.4	3.0	76	12	24	1		11	1.23	-1.67	.62	12	T	T	21	5	2	
PALESTINE	45.0	0.2	80	11	18	21		14	1.23	-1.63	.76	12				7	1	
PANA	44.2	0.7	78	11	16	22		17	.76	-1.71	.42	13	T			6	1	
PARIS WATER WORKS	44.5	1.6	77	11	17	22		14	1.09	-1.66	.50	12				4	2	
PEORIA WB AIRPORT	42.3	2.5	74	11	16	22		16	.65	-1.72	.22	24	0.3	T	24+	4		
QUINCY	47.0	3.3	80	11	21	22		11	.26	-1.98	.15	12	T			3		
QUINCY CAA	43.9		79	10+	16	22		19	.33	-1.92	.21	12	T	T	21+	4		
RANTOUL CHANUTE AF	42.6		74	11	19	22		15	1.30	- .97	.87	12	T			6	1	
ROBERTS 3 N	42.3	1.4	75	11	16	22		18	.89	-1.37	.30	13+	T			5	2	
RUSHVILLE	45.5	3.2	78	11	17	22		13	.58	-1.63	.30	12	T	T	16+	4	1	
SPRINGFIELD WB AIRPORT	44.0	4.1	75	11	17	22		14	.43	-2.09	.19	12	0.2			3		
SPRINGFIELD WB CITY	46.0	3.8	76	10+	21	22		8	.34	-2.18	.17	24				4		
TABLE GROVE	44.6	2.8	79	11	17	22		16	.67	-1.51	.25	12	0.5	T	21+	5	1	
TUSCOLA	44.6		76	10+	16	22		17	.92	-1.61	.42	13	T			6	1	
URBANA	43.6	2.1	75	11	19	22		16	1.00	-1.47	.62	13	T	T	21+	6	1	
VIRDEN	43.9		74	10+	14	22		19	.39	-2.11	.28	13	T			3	1	
WATSEKA	42.1		73	10+	17	22+		17	1.18	-1.20	.40	12	T	T	25	6	2	
WHITE HALL 1 E	47.4	3.9	79	11	16	22		15	.21	-2.40	.11	24	T	T	16+	2		
WINDSOR	44.1M	1.2	76	11+	17	22		17	.51	-2.12	.28	13	T			4	1	
DIVISION	44.6	2.2							.69	-1.91			T					
SOUTHERN DIVISION																		
ALTON DAM 26	46.7		77	11	21	22		13	.17	-2.41	.08	13+	T	T	3+	3		
ANNA	48.0M	0.1	75	10	19	22			.40	-3.22	.37	13	T			3	1	
BELLEVILLE SCOTT AF	47.1		77	10+	21	22		13	.42	-2.18	.38	12	T			2	1	
CAIRO WB CITY	49.5	2.2	75	10	26	22		5	.79	-2.89	.74	12	T			2	1	
CARBONDALE SEWAGE PL	48.1	0.9	75	10	19	22		10	.32	-2.97	.30	13	T			2	1	
CARLYLE	46.3	1.1	77	10+	16	22		17	.38	-2.42	.24	12				4		
DU QUOIN	47.5	1.0	75	10	20	22		11	.27	-2.67	.25	13	T			2	1	
EAST ST LOUIS	49.5M	2.4	80	11	21	22			.21	-2.31	.20	12	T			2		
ELIZABETHTOWN	48.9		78	12	18	22		10	1.06	-2.53	.86	13	T			4	1	
FAIRFIELD	47.4	1.4	80	11	18	22		13	1.03	-1.84	.95	13				3	1	
FLORA	46.7	1.9	77	10	20	22		12	.11	-2.84	.06	24	T			2		
GOLCONDA DAM 51	46.8M	0.1	76	10	20	22			1.14	-2.50	1.02	13	T			3	1	1
GREENVILLE	46.2	1.5	77	10+	17	22		14	.29	-2.25	.22	12	T			2		
HARRISBURG	47.9	0.1	79	10	17	22		12	.74	-2.40	.58	13	T			5	1	
MC LEANSBORO	47.9	1.5	78	11	19	22		11	1.05	-1.97	1.00	13	T			3	1	1
MT CARMEL	47.2	0.9	79	10	20	22		11	.81	-2.45	.61	13				3	1	
MT VERNON	45.1	-0.4	79	11	13	22		20	.28	-2.66	.28	13				1	1	
NEW BURNSIDE	47.3	0.1	77	10	17	22		15	.80	-2.73	.42	13	T			4	2	
SPARTA	48.2	1.5	77	10	18	22		13	.19	-2.63	.17	13	T			2		
DIVISION	47.5	1.0							.55	-2.64			T					
STATE	44.2	1.8							.67	-1.95			0.7					

See reference notes following Station Index

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION												.88								.06	.01			.05	.08							1.09
ALEDO		T										.24	.07			T								.10	T						.41
ALEXIS WATER WORKS R												.40	.11			.05				.02	.01			.06							.65
ALTON DAM 26			T										.08		.01						T	T		T	.08						.17
ANNA		.02										.01	.37								T			T				T			.40
ANNAWAN												.53												T							.53
ANTIOCH		T											.24	T	T	T	.06	T		T	T			.35							.65
AUGUSTA HIGH SCHOOL R												.10	.12											.15							.37
AURORA COLLEGE		T	T									.03	.05	T	T	.07	.04			.04	.06			.05	T						.34
BARRY		T										.22		T	T	T	T				T			.13	.02		T				.37
BEARDSTOWN													.37	.11			.03				.05			.12	.10						.78
BEARDSTOWN LGRNG DAM R//												.38	.10											.13							.61
BELLEVILLE SCOTT AFBSE Z		T										.38	T	T							T			.04	T						.42
BELVIDERE SEWAGE PLANT R													.24			.20	.01							.24							.69
BENTLEY												.01	.24	.11		T					T	T		.15				T			.51
BENTON												.02	.55																		.57
BLOOMINGTON													.20	.25			.05	T						.16	.13						.79
BLOOMINGTON NORMAL												.03	.17	.20		T	.04				T			.27	.02						.73
BLUFFS												.36	.01			.01				.17	.09		T	.03			T		T		.67
BRADFORD CAA		T										.18	.03		T	.01	T			T	T			.16	T						.38
BROOKPORT DAM 52			T										.71												T			.04			.75
CAIRO WB CITY R		T										.74	T	T		T					T			T				.05			.79
CAMP ELLIS R												.28	.12	.03		.02				.05	.03			.18							.71
CANTON		T										.30	.03	.13			T			T	T			.18	T						.64
CARBONDALE SEWAGE PL			.02										.30								T			T							.32
CARLINVILLE 4E		T										.02	.51		.03	.01					T			.06	.02		T	T			.65
CARLYLE		T										.24	.06		T									.05	.03						.38
CARMI		.04										.05	.61								T			.05	.07						.82
CARPENTER 1 SW R												.22												.04							.26
CASEY													.95	.06														.07			1.08
CENTRALIA 4 W												.30									T				T						.30
CHANDLERVILLE												.15	.14	.04		T					T			.10	.05						.48
CHANNAHON DRESDEN ISLD			T										.49	.01			T	.07		T		T		.12	.23	T					.92
CHARLESTON		T											.75	.05	T	T	.05							T	.10			T			.95
CHENOA												.32	.25	.02		.02	.01			T	T			.17	T						.79
CHICAGO CAL TREAT WKS R		.01			.06							.30	.15			.04	.06				.03			-							-
CHICAGO HEIGHTS		T			.02							.30	.03		T	.02	.08			.03				.19							68
CHICAGO LOYOLA UNIV R				.03	.02							.12	.17			.11	.07	.01						-							-
CHICAGO N BRA PUMP STA R				.03								.27	.19			.10	.06							-							-
CHICAGO SAN DIST DISP R					.02							.46	.12			.21	.04							-							-
CHICAGO SAN DIST OFF R		.01			.06							.32	.19	.01		.22	.03							-							-
CHICAGO UNIVERSITY R		.03	T	.04	.07							.03	.14		T	.10	.06	T	T					.37							.84
CHICAGO WB AIRPORT R		T	T	.01	T							.26	.16	T	T	.08	.05	T	T	T	T			.33	T			T			.89
CHICAGO WB CITY R		T	T	T	.09							.40	.19	.02	T	.25	.05	T	T					.38	T			T			1.38
CHILLICOTHE			T									.02	.41	.02	T	.02					.02			27	.02						.78
CICERO		T	T	T	T							.12	.24		T	.22	.06	T		.02	.01			.35	T						1.02
CISNE BROWN CAMP R												1.05												*	.07						1.12
CLINTON 1 S												.12	T	.30									T	.25							.67
COLLINSVILLE E												.38												.05							.44
CRETE R												.37	.18				.10							.13							.78
DANVILLE												.52	.66	.10	.01	T	.01	T			T			.21	T						1.51
DANVILLE HOSPITAL R												1.04	.15				.02							.20							1.41
DANVILLE SEWAGE PLANT													1.25	.17				.02							.13						1.57
DECATUR		T										.10	.15	T		T					.01			.25	T						.51
DES PLAINES 1 NW			T								T	.11	.40		T	.37	.07			T	.02			.27	T						1.24
DIONA R												.50	.03											.10				.07			.70
DIXON		T										.15	.24	T	T	.03	T	T		T	.02			.16	T						.60
DOUGLAS R		.05										.20	.06											.20							.51
DOWNS 2 NE R												.21	.20	.02										.30							.73
DU QUOIN		.02											.25												T						.27
DWIGHT												.57	.21			T	.10			T	T			.35							1.23
DWIGHT STATE REFORM R												.25	.16				.07			*	.06			38	.02						.94
EAST ST LOUIS												.20									T			.01							.21
EDWARDSVILLE T		T										.07	.05		T							T		T	T	.16					.28
EFFINGHAM CAA Z		T										.22	T	.02		.01	T			T	.03			.11	T						.39
ELGIN		T										.06	T		T	.06	.11	T		T	T			.35							.58
ELIZABETHTOWN													.86			T					T			.03	.07			.10			1.06
ELSAH																					T			-	-						-
EVANSTON PUMP STA R				.04								.25	.18			.10	.05							-							-
FAIRBURY WATER WORKS R//												.16	.22											.22							.60
FAIRFIELD													.95											.03	.05			T			1.03
FARMER CITY R												.40	.16											.14							.70
FLORA															T						T			.06	T			.05			.11
FREEPORT		T										.25		.02		.29	T	T		.06	.03			.28	T						.94
FREEPORT SEWAGE PLANT R												T	.34				.23				.02	T		.30							.89
FULTON DAM 13 Z													.52		T		.03	T			T	T		.16	T						.71
GALATIA R		.02										.75	.03											.10							.90
GALENA		T										.63		.03		.06	T							.21		T	T	T			.93
GALESBURG												.36	.08				T				.02			.12	.08						.66
GALVA												.35	.09		T	T	T				.02			.21	.02						.69
GENESEO												.12	.05			T					T			.22							.39
GIBSON CITY												.02	.20	T	.01		.30			T	T			.37	T						.90
GLADSTONE DAM 18			T										.26	.08		T	T				T			.10	.04						.48
GLENDALE EXP FARM R													.63												.05			.12			.80
GOLCONDA DAM 51 Z	T		T										1.02									T			.07			T	.05		1.14
GOLDEN													.10	.10						T	T			.03	.02						.25
GRAFTON													T	T	T						T	T		T	T						T
GRAND TOWER 2 N T												T									T							T			T
GREENFIELD R												.20												.05							.25
GREENUP		.02											.58	T	.04		T					T	T	.15		T	.04				.83
GREENVILLE			T									.22									T			.07	T						.29
GRIDLEY		T										.03	.35	.02		.03	.01				T			.20	.07						.71
GRIGGSVILLE												.08	T				T				T			.06	.01						.15
HARDIN -	-	-	-									.28												-	-						-
HARRISBURG		.03										.10	.58								T			.01	.02						.74
HARRISSBURG 4 E			T										.60	T											T						.60
HAVANA		T											.28	T		T	T			T	.02			.15	T						.45
HAVANA NO 2													.30	.22		T	T	T			.02			.11	.07						.72
HENRY		T										.32	.17	T		.04		T		T	T		T	.14							.67
HILLSBORO												.04	.05		T	T					T			.05	.03						.17
HOOPESTON Z												.13	.80	.10	.02	T	.02					T		.12	T						1.19
HUDSON LK BLOOMINGTON R												.26	.18	.07		.03								.31							.85
HUTSONVILLE R//												1.22	.04	.04										.10							1.40
HUTSONVILLE POWER PLA			.01										1.24		.09										.14			.03			1.51
ILLINOIS CITY DAM 16 Z												.03	.62	.11		T	.02				.02			.06	.05						.91
JACKSONVILLE												.32												.05	T						.37
JERSEYVILLE												-												.08	.01						-
JOLIET BRANDON RD DAM													.62				.07				.13			.14	.25						1.21
JOLIET WB AIRPORT		T										.38	.10		T	T	.06			.03	T			.30	T			T			.87
KANKAKEE												.15	.11	T		T	.01			T				.26	T						.53
KANKAKEE 4 W		T	T									.05	.08		T	T	.04	T			T			.47	T						.64
KANKAKEE SEWAGE PLANT R												.20	.03				.02							.30	.03						.58
KEITHSBURG													.28	.04			T				T			.10	.05						.47
KEWANEE		T										.65	.15			T					.03			.32	.05						1.20
KEWANEE BAKER PARK R												.25	.17											.23							.65

See reference notes following Station Index.

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KICKAPOO													.20	.10										.18							.48
LA HARPE 1 SW												.39	.08	T		T	T				.10			.16	.07		T				.80
LA SALLE		T	T									T	.28	T	T	.01	.05			T	T	T		.20	T			T			.55
LAWN RIDGE	R											-	.03		*		.04							.20							.00
LAWRENCEVILLE													.71		T									.16							.87
LE ROY		T										.24	.19	.09		.07								.22							.81
LINCOLN		T										.08	.21	T			T				.02			.25							.54
LINCOLN NO 2			T										.09		T		T	T		T				.12	.12				.05		.38
LOCKPORT LOCK AND DAM	R											.28	.13				.02			.03				.37							.83
LOCKPORT POWER HOUSE	R											.31	.12			.01	.02					.01		-							-
LOUISVILLE	R											.42	.03											.09	.01			.02			.57
MACKINAW												.05	1.55	.05							T	T		.28	T						1.93
MACOMB		T										.23	.14			T					T			.11	.01						.49
MARENGO		T										T		T		.20	.06			.09	T			.32							.87
MARIETTA	R											.28	.14	.01										.15							.58
MARION			T									.03	T											.03	.01						.07
MARO	R											.34	.20											-							-
MARSEILLES LOCK													.16	.02	T	.02		.02			T	T		.08	.11						.41
MARSHALL 1 W		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02							.06	.03						-
MASCOUTAH		T										.11	.18	.01	T	T	T		T		T			T	T	T					.30
MASON CITY	R											.40	.22											.17							.79
MATTOON												.31	.06			.02								.07				T			.46
MC HENRY	R			•	.05							-	.07			.10	.05							.33							-
MC HENRY 2 S		T									T	.11	.10		T	.12	.08	T		.03	.02			.33							.79
MC LEANSBORO		.03										T	1.00								T			.02	T			T			1.05
MEDORA		T										.48	T	T		T					T			.03	.05						.56
MOLINE WB AIRPORT	Z	T										.45	.06	T	T	T	T	T		T	T		T	.20	T						.71
MONMOUTH		T										.26	.06			.01					.02			.15	.04						.54
MONTICELLO													.67	.02										.22							.91
MORRIS 3 NE												.04	.22	T	T	T	.03			T				.34	T						.63
MORRISON		T										.37	T	T	T	.02	T	T		T	T			.18				T			.57
MORRISONVILLE	R											.24	.04							•	.02			.12							.42
MORRISONVILLE 1 E												.41	.12		T	T	T				.02			.09	.01						.65
MT CARMEL													.61		.05							T			.15						.81
MT CARMEL WATER WORKSR												•	.60											.07							.67
MOUNT CARROLL		T										.90	.06	T	T	.04	.02	T		T	.03			.25							1.30
MOUNT OLIVE		T										.07	.20			.02					T			.03	.01						.33
MOUNT PULASKI		T											.18		T	T					.03			.15	T						.36
MOUNT STERLING		T										.37	.07			T					.02		T	.07	.06		T				.59
MT VERNON													.28																			.28
MURPHYSBORO WTR WKS	R											.36																			.36
NASHVILLE 3 NW		T										.20												.03							.23
NEWARK 7 E													.15		T	T	.33			T	T			.25							.73
NEW BOSTON DAM 17												T	.53	.12		T	T	T			.02			.07	.08						.82
NEW BOSTON 2 NW												.46		.14		T								.08							.68
NEW BURNSIDE		.03									T	.31	.42								T			T	.04						.80
NEWTON	Z	T										.62	.38		.07						T					.11	.05				1.23
OLNEY		-	-	-	-	-	-	-	-	-	-	-	-	-	T		.01				T	.02			.10			.05			.00
OREGON	R											-												.22							-
OREGON WATER WKS		-										.21		T	T	.06	T			T	T		.20	T							-
OTTAWA		T										.15	.08	T	T	T	.04			.01	T			.23	T						.51
PALESTINE		T										.76	.24	.05	.06	.02							.06				.04			-	1.23
PANA		T	T									.08	.42		T	T	.03				.03			.14	.06					-	.76
PARIS SEWAGE PLANT	R											.96	.03	.04										.10				.10			1.23
PARIS WATER WORKS												.50	.49	.08														.02		-	1.09
PAW PAW		T										.02	.30			T	T			T				.22							.54
PAYSON											T	.27	.02	.03			T				T			.07	.02						.41
PEORIA LOCK AND DAM	R											.24	.33											.19							.76
PEORIA WB AIRPORT	R	T										.21	.20	.02		T	T			T	T			.22	T					-	.65
PEOTONE		T											.46		T	T					T			.68							1.14
PERU													.39	.07				.11						.22	.01						.80
PETERSBURG												.49	T	T	T	T					T			.14							.63
PIPER CITY	R											.18					.05							.20							.43
PITTSFIELD WATER WORKS	R	.04										.21												.10							.35
PLEASANT HILL 2 E											T	.33		.01							T			.15	T						.49
PONTIAC												.25	.24	T		.01	.05				T			T	.13						.68
PRAIRIE DU ROCHER	R											-								•	.04										.00
PRINCETON 1 S	R											.10	.14			.14	.04							.23							.65
PRINCEVILLE 2 NW		T										.18	.12			.02				T	T			.18	.02						.52
PROPHETSTOWN	R											.65	.04			.05								.23							.97
QUINCY												.18	T			T				T	T			.07	.01						.26
QUINCY CAA		T										.21	.01			T					.02			.09							.33
QUINCY DAM 21	Z											.04	.13								T			.04	T						.21
QUINCY MEMORIAL BRIDGE												T	.01	.06										.03	.03						.13
RANTOUL CHANUTE AF	Z	T										.87	.23	T		T	.01			T	T			.17	.01	.01					1.30
RED BUD												.20								T											.20
RICHVIEW	R	.03										.15												.03							.21
ROBERTS 3 N												.03	.30	.16	.10	T	T					T		.30	T						.89
ROCHELLE		T											.14	T		.02	.01				T			.35							.52
ROCKFORD		T										.02	.27				T				T			.33	T		T				.62
ROCKFORD CAA		T										.24	.04	T	.02	.16	.03			.06	T			.18	T	T	T				.73
ROCK ISLAND DAM 15			F										.38	.05	T	T	T	T			T	T		.12	.01	.02			T			.58
ROCKPORT												.16											T	T								.16
RUSHVILLE												.30	.11			T					.03			.14								.58
STE MARIE													.93		.07						.01	.02			.28				.02			1.33
SALEM												.03	.32											.03	.06						.44
SHAWNEETOWN NEW TOWN			.03										.83	T								T			T	T		T			.86
SIDELL			T										.87	.30	.04		T	T							.23						1.44
SKOKIE N S TREAT WKS	R			.03								.56	.17			.07	.04							.31							1.18
SPARTA		T										.02	.17								T			T							.19
SPRINGFIELD WB AIRPORT	Z	T										.19	.08	T		T	T			T	T			.16	T						.43
SPRINGFIELD WB CITY	Z	T										.12	.04	T	T	.01	T				T			.17	T						.34
STICKNEY W S TREAT WKSS	R			.01								.14	.18			.14	.01							-							-
STOCKTON												.30	.28	.01		.15	.14			T	T			.24							1.12
TERRATOR		T										T	.26		T	.02	.03			T	.02			.09	T						.42
SULLIVAN WATER WORKS	R											•	.55											.17							.72
SYCAMORE												.02	.12		T	.10	.08	T		.05	T			.25							.62
TABLE GROVE		T										.25	.24	T		T				T	.01			.12	.05		T				.67
TAYLORVILLE			T									.06	.15	.03	.03	T	T				.01			.11	.05						.44
TISKILWA 2 E											T		.29			.10	T				T			.22							.61
TOULON		T											.25			T					T			.16	.02						.43
TUSCOLA												.03	.42	.18		.04								.17	.08						.92
URBANA		T										.10	.62	.02	.01	T	.02				T	T		.23	T						1.00
URBANA EXP FARM	R											.41	.27				.05							.22							.95
URBANA WATER WORKS												.10	.61	.02										.17	.06						.96
UTICA STARVED ROCK DAM													.12	.03			.03	.02			T			.15	.08						.43
VANDALIA		T										.15		T		T					-			.05	-						.00
VIENNA			T									T	.28	.02		T					T			.09	T						.39
WALNUT		T										T	T			T	T			T				.50							.50
WARSAW												.54	.24											.13	T						.91
WASHINGTON	R											.26	.12	.02										.20							-
WATERLOO												.10	.27								.02										.39
WATERMAN	R											.02	.11			.05				.03				.25							.46
WATSEKA		T										.40	.31	.11	.02	T	.11			T				.23	T						1.18
WAUKEGAN		T										.18	.12	T	T	.01	.03			.02	T			.39		T		T			.75

See reference notes following Station Index

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WAYNE CITY													.74																			.74
WENONA R												.25	.15			.08	.01							.24								.73
WEST FRANKFORT 8 E R													.77																			.77
WHEATON COLLEGE												.52				.07				T	.05			.23								.87
WHITE HALL 1 E												T	.10		T	T					T			.11	T							.21
WILCOX			T										.95				T				T				T				.25			1.20
WINDSOR		T	.04									.05	.28			T	T				T			.14								.51

See reference notes following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
–2d–																									
CHICAGO CAL TREAT WKS															.01										.01
CHICAGO SAN DIST OFF														.01											.01
CHICAGO UNIVERSITY														.01	.02										.03
DOUGLAS													.05												.05
FULTON DAM 13												.02													.02
GALATIA																.01	.01								.02
PITTSFIELD WATER WORKS											.04														.04
RICHVIEW									.01	.01	.01														.03
WASHINGTON													–	–	–	–	–	–	–	–	–	–	–	–	–
–4th–																									
CHICAGO LOYOLA UNIV																			.02	.01					.03
CHICAGO N BRA PUMP STA																			.02	.01					.03
CHICAGO UNIVERSITY																								.04	.04
CHICAGO WB AIRPORT																					.01				.01
EVANSTON PUMP STA																			.04						.04
MC HENRY											*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SKOKIE N S TREAT WKS																			.03						.03
STICKNEY W SIDE TREAT																			.01						.01
–5th–																									
CHICAGO CAL TREAT WKS		.04	.01	.01																					.06
CHICAGO LOYOLA UNIV			01	.01																					.02
CHICAGO SAN DIST DISPAT		.01	.01																						.02
CHICAGO SAN DIST OFF		.03	.01	.02																					.06
CHICAGO UNIVERSITY		06		.01																					.07
CHICAGO WB CITY		.03	.01	.03	.02																				.09
MC HENRY		*	*	*	*	.05																			.05
–12th–																									
ALEXIS WATER WORKS																.31	.08	.01							.40
AUGUSTA HIGH SCHOOL															.10										.10
BEARDSTOWN LAGRANGE DAM											.02		.01	.02		.33									.38
BELVIDERE SEWAGE PLANT							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BRADFORD CAA	6												*	*	*	*	*	.18							
CAIRO WB CITY																		.03	.53	.16	.02				.74
CAMP ELLIS														.13		.10	.05								.28
CARPENTER 1 SW																.02	.01		.19						.22
CHICAGO CAL TREAT WKS																		.29	.01						.30
CHICAGO LOYOLA UNIV														.05	.01			.03	.01		.02				.12
CHICAGO N BRA PUMP STA															.07			.05	.08	.04	.03				.27
CHICAGO SAN DIST DISPAT														.15				.19		.11	.01				.46
CHICAGO SAN DIST OFF														.10	.01			.10		.04	.07				.32
CHICAGO UNIVERSITY																		.03							.03
CHICAGO WB AIRPORT														.09				.05		.12					.26
CHICAGO WB CITY														.14	.02			.12	.01	.02	.09				.40
CISNE BROWN CAMP																.12		.02		.60	.20	.08	.01	.02	1.05
COLLINSVILLE											.06							.25	.08						.39
CRETE																	.10	.25						.02	.37
DANVILLE HOSPITAL									.02			.01					.22	.28	.01		.01	.35	.12	.02	1.04
DIONA											.01	.01				.10	.02		.01	.01	.14	.20			.50
DOUGLAS																	.15	.05							.20
DOWNS 2 NE															.05	.03				.10	.03				.21
DWIGHT STATE REFORM																.03	.17		.02	.02	.01				.25
EFFINGHAM CAA	//												–	–	–	–	–	–	–	–	–	–	–	–	–
EVANSTON PUMP STA																		.05	.14	.06					.25
FAIRBURY WATER WORKS	//															.08				.05	.02	.01			.16
FARMER CITY																.17			.01	.12	.05	.04		.01	.40
FREEPORT SEWAGE PLANT											.04	.01	.03		.04	.01	.04	.02	.10	.02					.31
FULTON DAM 13									.19	.05	.01		.01	.01	.03	.05	.03	.11	.01			.03		.01	.54
GALATIA															.18				.27	.13	.17				.75
GLENDALE EXP FARM																			.23	.18	.17	.05			.63
GOLCONDA DAM 51																		.03	.27	.49	.16				.95
GREENFIELD																	.13	.03	.03	.01					.20
HOOPESTON																	.04	.10	.01		.28	.12	.10	.04	.69
HUTSONVILLE	/																.05	.40	.06	.26	.23	.10	.11	.01	1.22
ILLINO'S CITY DAM 16															.10	.43	.07								.60
JACKSONVILLE SEWAGE PL																	.10	.08	.02						.20
JOLIET WB AIRPORT	6												*	*	*	*	*	.37	*	*	*	*	*	.01	
KANKAKEE SEWAGE PLANT																	.16					.01	.02	.01	.20
KEWANEE BAKER PARK															.04	.11	.05	.04	.01						.25
LANARK									.01					.01	.01	.02	.18	.20	.13	.01		.08	.03		.68
LAWN RIDGE						–	–	–	–	–	–	–	–	–	–	.03	.02	.04							–
LOCKPORT LOCK AND DAM																	.23	.04		.01					.28
LOCKPORT POWER HOUSE														.02			.24	.04	.01						.31
LOUISVILLE															.05	.03		.01	.01	.09	.13	.08	.02		.42
MARIETTA																.18	.10								.28
MAROA SEWAGE PLANT																			.10	.19	.05				.34
MASON CITY																	.05	.33	.02						.40
MC HENRY						–	–	–	–	–	–	–	–	–	–			.03	.02						–
MOLINE WB AIRPORT	//									.01	.02		.01	.03	.05	.15	.14	.02						.02	.45
MORRISONVILLE													.10												.24
MT CARMEL WATER WORKS													*	*	*	*	*	*	*	*	*	*	*	*	*
MURPHYSBORO WATER WORKS	/																	.20	.14	.01		.01			.36
NEWTON														.40	.02	.01		.17	.27	.10	.06		.01		1.04
OREGON						–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PARIS SEWAGE PLANT									.02		.01	.01				.01		.45	.02	.02	.01	.12	.24	.05	.96
PEORIA LOCK AND DAM	//																.12	.08	.04						.24
PEORIA WB AIRPORT																	.12	.08	.01						.21
PIPER CITY															.02	.03	.08	.05							.18
PITTSFIELD WATER WORKS												.02	.07		.11		.01								.21
PRAIRIE DU ROCHER W WKS						–	–	–	–	–	–	–	–	–	–	–			.04						–
PRINCETON 1 S	/															.02	.01	.05	.01			.01			.10
PROPHETSTOWN																.05	.05	.55							.65
QUINCY CAA	6												*	*	*	*	*	.21							
QUINCY DAM 21				.05										.13											.18
RANTOUL CHANUTE AF BASE	//					–	–	–											.01	.01	.18	.02	.10	.02	–
RICHVIEW																			.08						.15
ROCKFORD CAA	6						*	*	*	*	*	.02	*	*	*	*	*	.18	*	*	*	*	*	.04	
SKOKIE N S TREAT WKS														.01				.10	.25	.14	.06				.56
SPRINGFIELD WB AIRPORT	/																		.10	.08	01				.19
SPRINGFIELD WB CITY																				.09	.01				.10
STICKNEY W SIDE TREAT														.03				.03	.01	.07					.14
SULLIVAN WATER WORKS							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
URBANA EXP FARM															.19	.12	.10								.41
VANDALIA														.15					.01	.02	.01				.19
WASHINGTON																	.02	.15	.05		.01	.01	.01	.01	.26
WATERMAN																			.01	.01					.02
WENONA																		.23	.02						.25

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—13th—																										
ALEXIS WATER WORKS																.05	.06									.11
AUGUSTA HIGH SCHOOL			.05															.07								.12
BEARDSTOWN LAGRANGE DAM	//																		.10							.10
BELVIDERE SEWAGE PLANT		*	*	*	*	*	.24																			.24
BRADFORD CAA	6	*	*	*	*	*	.03																			
CAMP ELLIS				.02														.09	.01							.12
CHICAGO CAL TREAT WKS						.01	.09	.05																		.15
CHICAGO LOYOLA UNIV						.03	.14																			.17
CHICAGO N BRA PUMP STA						.02	.09	.08																		.19
CHICAGO SAN DIST DISPAT						.02	.10																			.12
CHICAGO SAN DIST OFF						.02	.14	.03																		.19
CHICAGO UNIVERSITY							.13	.01																		.14
CHICAGO WB AIRPORT						.02	.13	.01																		.16
CHICAGO WB CITY					.01	.04	.12	.02																		.19
CRETE		.01						.15	.01			.01														.18
DANVILLE HOSPITAL			.01										.01		.01					.08	.04					.15
DIONA																				.02	.01					.03
DOUGLAS				.02	.01												.02	.01								.06
DOWNS 2 NE																		.04	.16							.20
DWIGHT STATE REFORM						.02	.06										.08									.16
EVANSTON PUMP STA					.01	.07	.10																			.18
FAIRBURY WATER WORKS	//	.03	.01													.02	.02	.06	.08							.22
FARMER CITY																			.07	.09						16
FREEPORT SEWAGE PLANT				.01					.01		.01															03
GALATIA				.01	.01	.01																				.03
HOOPESTON		.01																.01	.14	.14						.30
HUTSONVILLE	//		.03	.01																						04
ILLINOIS CITY DAM 16															.08	.02										.10
JACKSONVILLE SEWAGE PL																			.04							.04
JOLIET WB AIRPORT	6	*	*	*	*	*	.10																			
KANKAKEE SEWAGE PLANT							.02	.01																		.03
KEWANEE BAKER PARK		.07							.03	.01	.01	.01	.01	.01			.01	.01								.17
LAWN RIDGE										.01	.02															.03
LOCKPORT LOCK AND DAM						.05	.08																			.13
LOCKPORT POWER HOUSE						.04	.08																			.12
LOUISVILLE											.01		.01		.01											.05
MARIETTA		.02		.03													.04	.05								.14
MAROA SEWAGE PLANT																			.20							.20
MASON CITY		.03				.04													.15							.22
MC HENRY					.07																					.07
MOLINE WB AIRPORT	//													.02	.03	.01										.06
MORRISONVILLE			.01	.02	.01																					.04
MT CARMEL WATER WORKS		*	*	*	*	*	.60																			.60
NEWTON			.01																							.01
PARIS SEWAGE PLANT		.01	.02																							.03
PEORIA LOCK AND DAM	//	.01		.04	.03													.15	.10							.33
PEORIA WB AIRPORT				.03	.02										.01		.01	.11	.02							.20
PRINCETON 1 S	//			.05											.05	.03	.01									.14
PROPHETSTOWN		.03	.01																							.04
QUINCY CAA	6													*	*	*	*	*	.01							
QUINCY DAM 21			.01	.01																						.02
RANTOUL CHANUTE AF BASE	//																		.08	.13						.21
ROCKFORD CAA	6	*	*	*	*	*	.04																			
SKOKIE N S TREAT WKS						.04	.13																			.17
SPRINGFIELD WB AIRPORT	//																		.05	.03						.08
SPRINGFIELD WB CITY		.01	.01																	.04					.01	07
STICKNEY W SIDE TREAT						.04	.13	.01																		18
SULLIVAN WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.55	.55
URBANA EXP FARM																				.26	.01					.27
WASHINGTON				.01	.03												.02	.03							.03	.12
WATERMAN	//			.01	.01	.07	.02																			.1
WENONA		.02	.01		.02											.05	.05									.15
—14th—																										
CAMP ELLIS												.02					.01									.03
CHICAGO SAN DIST OFF																	.01									.01
CHICAGO WB CITY																	.02									.02
DOWNS 2 NE																			.02							.02
HOOPESTON														*	*	*	*	*	*	*	*	*	*	*	*	*
HUTSONVILLE	//																					.04				.04
MARIETTA		.01																								.01
NEWTON																						.04	.02			.06
PARIS SEWAGE PLANT									.02	.02																.04
PEORIA WB AIRPORT																	.02									.02
ROCKFORD CAA	6																			*	*	*	*	*	.02	
WASHINGTON		.01	.01																							.02
—16th—																										
ALEXIS WATER WORKS														*	*	*	*	*	.05							.05
BELVIDERE SEWAGE PLANT										*	*	*	*	*	.20											.20
BRADFORD CAA	6													*	*	*	*	*	.01							
CAMP ELLIS																	.01	.01								.02
CHICAGO CAL TREAT WKS												.02		.01							.01					.04
CHICAGO LOYOLA UNIV												.01	.04	.02	.01	.01				.02						.11
CHICAGO N BRA PUMP STA													.03	.02	.02		.01	.01			.01					.10
CHICAGO SAN DIST DISPAT												.01	.04	.02	.03	.02	.05	.03		.01						.21
CHICAGO SAN DIST OFF												.02	.03	.01	.03	.05	.05	.02	.01							.22
CHICAGO UNIVERSITY													.02	.02	.02	.01	.01	.01	.01							.10
CHICAGO WB AIRPORT											.01	.02	.01		.01		.01	.01				.01				.08
CHICAGO WB CITY												.04	.02	.01	.04	.05	.07	.02								.25
EVANSTON PUMP STA												.02	.04	.01	.01		.01			.01						.10
FREEPORT SEWAGE PLANT											.01	.01		.02	.05	.06	.05	.03								.23
LANARK											.02	.01	.02	.02	.01											.08
LAWN RIDGE														*	*	*	*	*	*	*	*	*	*	*	*	*
LOCKPORT POWER HOUSE																		.01								.01
MC HENRY											.02	.03	.02	.02		.01										.10
OREGON							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCETON 1 S	//																.03	.02	.02	.01	.02	.02		.01	.01	.14
PROPHETSTOWN														.04	.01											.05
ROCKFORD CAA	6							*	*	*	*	*	.16													
SKOKIE N S TREAT WKS												.02	.03	*	*	*	*	*	.02							.07
STICKNEY W SIDE TREAT												.02	.05		.01	.02	.03	.01								.14
WATERMAN	//								.03		.02															.05
WENONA																			.03	.02		.02	.01			.08
—17th—																										
BELVIDERE SEWAGE PLANT														.01												.01
CHICAGO CAL TREAT WKS											.01	.01	.01	.01	.01			.01								.06
CHICAGO LOYOLA UNIV												.01	.01		.01			.03	.01							.07
CHICAGO N BRA PUMP STA													.01				.01	.02	.01	.01						.06
CHICAGO SAN DIST DISPAT												.02	.01			.01										.04
CHICAGO SAN DIST OFF														.01				.02								.03

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO UNIVERSITY											.01	.01	.01		.01	.01	.01								.06
CHICAGO WB AIRPORT											.01	.01	.02		.01										.05
CHICAGO WB CITY											.01	.01				.01		.02							.05
CRETE									.01	.01	.03	.01	.01		.02	.01									.10
DANVILLE HOSPITAL											.02														.02
DWIGHT STATE REFORM												.01	.04	.01		.01									.07
EVANSTON PUMP STA										.01		.01					.01	.02							.05
HOOPESTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05	.05
JOLIET WB AIRPORT	6							*	*	*	*	*	.05	*	*	*	*	*	.01							.05
KANKAKEE SEWAGE PLANT										.01			.01													.02
LANARK										.04	.02															.06
LAWN RIDGE		*	*	*	*	*	*	*	*	*	*	*	.04													.04
LOCKPORT LOCK AND DAM												.02														.02
LOCKPORT POWER HOUSE											.01				.01											.02
MC HENRY											.02	.01				.01	.01									.05
OREGON		-	-	-	-	-	-	-	-	-	-	-														-
PIPER CITY														.03	.01	.01										.05
PRINCETON 1 S	//								.01	.02	.01															.04
RANTOUL CHANUTE AF BASE	//																			.03						.03
ROCKFORD CAA	6							*	*	*	*	*	.03													
SKOKIE N S TREAT WKS							.01	*	*	*	*	*	*	*	*	*	*	*	.03							.04
STICKNEY W SIDE TREAT													.01													.01
URBANA EXP FARM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05	.05
WENONA								.01																		.01
												-18th-													
CHICAGO LOYOLA UNIV												.01														.01
												-20th-													
ALLXIS WATER WORKS																									.02	.02
CAMP ELLIS																				.02				.01	.02	.05
DWIGHT STATE REFORM														*	*	*	*	*	*	*	*	*	*	*	*	*
JOLIET WB AIRPORT	6													*	*	*	*	*	.03							
LOCKPORT LOCK AND DAM																			.03							.03
MORRISONVILLE																				*	*	*	*	*	*	*
PRAIRIE DU ROCHER W WKS																				*	*	*	*	*	*	*
ROCKFORD CAA	6													*	*	*	*	*	.05	*	*	*	*	*	.01	
WATERMAN	//																	.03								.03
												-21st-														
ALEXIS WATER WORKS		.01																								.01
CAMP ELLIS		.02	.01																							.03
CHICAGO CAL TREAT WKS											.01	.02														.03
DWIGHT STATE REFORM		*	*	*	*	*	*	*	*	*	*	*	.06													.06
EFFINGHAM CAA	//	-	-	-	-	-																				-
MORRISONVILLE		*	*	*	*	*	.02																			.02
PRAIRIE DU ROCHER W WKS		*	*	*	*	*	.04																			.04
QUINCY CAA	6	*	*	*	*	*	.02																			
QUINCY DAM 21		-	-	-	-	-																				-
VANDALIA		.03	.02																							.05
												-22d-														
LOCKPORT POWER HOUSE												.01														.01
												-24th-														
ALEXIS WATER WORKS															.01			.02	.01	.01		.01				.06
AUGUSTA HIGH SCHOOL					.03	.06	.01						.05													.15
BEARDSTOWN LAGRANGE DAM	//						.10							.01	.01	.01										.13
BELVIDERE SEWAGE PLANT					.02	.03	.05	.08	.01	.01						.03	.01									.24
BRADFORD CAA	6	*	*	*	*	*	.13	*	*	*	*	*	.03													
CAMP ELLIS						.05	.05								.02	.01	.02	.02	.01							.18
CARPENTER 1 SW								.04																		.04
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY								.08	.06	.07	.06	.05	.02				.01	.01	.01							.37
CHICAGO WB AIRPORT					.01	.01	.03	.07	.05	.05	.04	.04	.02						.01							.33
CHICAGO WB CITY					.01	.03	.03	.06	.07	.05	.05	.06	.02													.38
CISNE BROWN CAMP								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COLLINSVILLE								.05																		.05
CRETE									.10		.01		.01	.01												.13
DANVILLE HOSPITAL										.05	.05					.02	.03	.04	.01							.20
DIONA										.07	.01	.02														.10
DOUGLAS							.10	.03							.01		.01	.04	.01							.20
DOWNS 2 NE							.03	.06	.10	.01	.01				.03	.01							.03	.01	.01	.30
DWIGHT STATE REFORM						.02	.06	.10	.10	.04	.03	.01	.02													.38
EFFINGHAM CAA	//													-	-	-	-	-	-	-	-	-	-	-	-	-
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//							.06	.11	.03	.02															.22
FARMER CITY										.07	.03				.01	.01		.01	.01							.14
FREEPORT SEWAGE PLANT			.02	.04	.06	.07	.03	.01	.01	.04																.28
FULTON DAM 13			.03	.04	.03	.03	.01	.01																		.15
GALATIA										.05	.05															.10
GLENDALE EXP FARM											.02	.03														.05
GOLCONDA DAM 51												.05														.05
GREENFIELD								.04	.01																	.05
HOOPESTON									.03	.05	.04	.01														.13
HUTSONVILLE																	.08		.01				.01			.10
ILLINOIS CITY DAM 16					.05				.03	.01	.01															.10
JACKSONVILLE SEWAGE PL							.07				.03		.01	.01				.02	.01						.01	.16
JOLIET WB AIRPORT	6	*	*	*	*	*	.04	*	*	*	*	*	.26													
KANKAKEE SEWAGE PLANT								.03	.07	.09	.07	.03	.01													.30
KEWANEE BAKER PARK					.02	.06	.02			.03	.02	.02	.01	.01	.01			.02	.01							.23
LANARK			.03	.04	.03	.07	.05	.03																		.25
LAWN RIDGE							.02	.05	.03						.02	.03		.03			.02					.20
LOCKPORT LOCK AND DAM						.02	.03	.06	.10	.06	.03	.04	.02	.01												.37
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE											.05	.01	.01											.01	.01	.09
MARIETTA						.05	.05	.01			.01						.01	.02								.15
MAROA SEWAGE PLANT								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASON CITY							.05	.05			.01				.01	.02	.01	.02								.17
MC HENRY				.02	.05	.06	.07	.05	.02	.03	.03															.33
MOLINE WB AIRPORT	//			.01	.03	.06	.03	.01						.01		.02		.02	.01							.20
MORRISONVILLE									.12																	.12
MT CARMEL WATER WORKS											.04	.01			.02											.07
NEWTON										.08	.01					.01							.04	.01		.15
OREGON				.04	.02	.03	.05	.03	.04	01																.22
PARIS SEWAGE PLANT										.03	.02				.02		.01	.01	.01							.10
PEORIA LOCK AND DAM	//					.02	.07	.05										.02	.01	.02						.19

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PEORIA WB AIRPORT					.01	.01	.10	.04	.01							.01		.01	.01	.01	.01					.22
PIPER CITY								.05	.08	.06	.01															.20
PITTSFIELD WATER WORKS							.08	.01	.01																	.10
PRINCETON 1 S	//				*	*	*	.23																		.23
PROPHETSTOWN			.02	.01	.01	.04	.02	.04	.02	.02	.02									.03						.23
QUINCY CAA	6	*	*	*	*	*	.03							*	*	*	*	*	.02	*	*	*	*	*	.04	
QUINCY DAM 21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RANTOUL CHANUTE AF BASE	//							.03	.04	.08	.03				.01	.04	.02	.03	.01							.29
RICHVIEW									.03																	.03
ROCKFORD CAA	6	*	*	*	*	*	.18																			
SKOKIE N S TREAT WKS						.02	.03	.05	.05	.06	.05	.03	.01	.01												.31
SPRINGFIELD WB AIRPORT	//							.06	.01						.02	.01	.02		.01	.01	.01		.01			.16
SPRINGFIELD WB CITY								.07	.01					.01	.02				.01	.01	.01	.01	.01			.16
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//										.10			.01		.01				.02	.02	.01				.17
URBANA EXP FARM									.07	.05				.01	.01	.01	.02	.03	.01	.01						22
VANDALIA									.04	.01							.01									.06
WASHINGTON							.03	.06	.01	.03						.01	.01	.02	.01	.01	.01					20
WATERMAN	//					.05	.05	.05	.05	.04	.01															.25
WENONA					.01	.02	.05	.07			.08	.01														.24
-25th-																										
CISNE BROWN CAMP		*	*	*	*	*	.07																			07
DWIGHT STATE REFORM								.02																		.02
KANKAKEE SEWAGE PLANT		.01				.01	.01																			.03
LOUISVILLE		.01																								.01
-28th-																										
CAIRO WB CITY					.03	.02																				.05
DIONA								.07																		.07
GLENDALE EXP FARM						.06	.03	.03																		.12
GOLCONDA DAM 51							.05					.01														.06
LOUISVILLE		*	*	*	*	*	*	*	*	*	*	*	.02													.02
PARIS SEWAGE PLANT								.07	.03																	.10

Table 5

DAILY TEMPERATURES

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALEDO	MAX	64	58	49	52	51	67	75	71	72	74	75	63	56	55	45	43	40	39	63	58	38	45	43	39	33	52	44	60	58	47		54.3
	MIN	28	35	21	34	26	30	36	41	45	52	50	52	37	32	32	25	33	32	34	35	25	17	29	31	20	25	28	32	35	28		32.7
ALTON DAM 26	MAX	61	54	50	64	54	62	70	73	72	76	77	64	62	58	50	48	48	45	67	54	42	45	56	51	40	52	48	72	61	54		57.7
	MIN	28	36	28	33	30	29	43	43	42	50	54	50	45	41	36	36	32	31	31	42	25	21	38	32	28	28	30	36	41	33		35.7
ANNA	MAX	55	62	57	68	53	58	68	69	72	75	69	69	64	60	54	56	52	42	62		53	42	59	64	50	54	52	74	69	58		60.0
	MIN	24	36	33	33	29	30	34	40	43	55	55	56	48	39	33	30	33	27	30		31	19	31	42	27	24	38	40	42	38		35.9
ANTIOCH	MAX	53	50	41	40	47	59	67	61	67	66	57	63	58	46	41	39	36	35	50	44	31	36	38	34	29	33	38	42	53	43		46.6
	MIN	28	31	25	36	25	34	36	41	37	51	44	49	40	37	33	29	29	24	31	27	22	14	29	27	14	10	23	27	30	28		30.4
AURORA COLLEGE	MAX	55	47	42	48	54	61	70	66	70	69	68	67	60	51	48	36	39	37	57	50	35	38	41	35	30	37	39	52	56	46		50.1
	MIN	22	31	25	30	25	42	35	49	45	58	50	45	41	26	32	27	30	25	34	30	18	11	26	26	13	11	24	27	29	27		30.5
BELLEVILLE SCOTT AF	MAX	57	54	46	62	50	61	70	72	72	77	77	64	63	59	49	49	48	41	69	56	43	43	58	56	42	55	51	74	65	55		57.9
	MIN	28	38	30	35	31	31	40	45	43	55	57	54	46	37	35	34	33	31	32	43	26	21	31	32	31	27	33	30	41	39		36.3
BLOOMINGTON NORMAL	MAX	55	53	44	55	49	62	70	70	70	72	75	68	67	57	52	45	41	38	60	58	39	38	40	43	38	44	43	60	57	53		53.9
	MIN	27	38	30	37	24	31	37	44	45	54	56	58	43	33	33	28	31	26	34	36	25	17	31	29	23	29	32	32	34	29		34.2
CAIRO WB CITY	MAX	55	63	49	67	53	58	67	67	72	75	70	72	60	58	55	55	52	42	63	64	44	42	58	63	46	57	54	72	66	59		59.3
	MIN	31	40	38	37	36	32	39	44	48	56	58	57	50	42	42	35	36	33	34	41	29	26	36	42	33	30	38	47	44	37		39.7
CARBONDALE SEWAGE PL	MAX	56	60	49	68	62	61	70	70	73	75	73	70	66	60	55	54	52	47	62	62	53	43	61	64	47	54	52	74	70	58		60.7
	MIN	23	36	34	39	30	25	33	46	39	57	61	58	49	34	31	28	35	27	30	33	34	19	34	33	32	22	34	37	33	37		30.4
CARLINVILLE 4E	MAX	56	51	45	60	49	61	69	70	70	75	76	66	61	58	51	48	46	42	66	62	41	42	53	53	37	51	49	70	61	54		56.4
	MIN	21	38	32	34	27	26	40	43	42	53	53	59	44	35	31	32	32	32	33	38	26	15	32	30	27	26	31	36	37	31		34.5
CARLYLE	MAX	58	56	47	63	53	62	72	73	74	77	77	68	63	59	51	53	49	41	65	57	43	44	58	55	41	53	50	74	67	57		58.7
	MIN	24	37	28	30	26	26	37	43	43	57	56	53	45	36	32	30	28	26	30	35	24	16	31	35	28	27	29	36	32	34		33.8
CHARLESTON	MAX	55	51	48	60	52	60	73	72	71	73	78	70	62	57	53	47	44	43	59	56	44	40	53	46	42	43	43	63	64	57		56.0
	MIN	24	38	31	35	27	30	37	43	41	52	54	56	45	35	34	29	31	28	30	41	30	18	32	30	28	21	34	35	39	33		34.7
CHICAGO HEIGHTS	MAX	63	53	46	46	54	60	76	68	70	72	63	70	63	51	47	37	39	37	54	50	35	35		35	33	37	34	46	56	50		51.0
	MIN	27	33	29	33	30	33	36	40	49	53	48	52	43	32	32	30	29	25	32	33	[illegible]	[illegible]		32	20	16	20	25	32	32		32.2
CHICAGO UNIVERSITY	MAX	52	44	42	42	47	58	67	65	69	70	62	70	56	49	42	39	38	37	55	45	34	37	38	37	31	39	38	46	52	41		48.1
	MIN	32	34	30	38	35	38	42	45	45	55	48	56	44	35	35	33	35	29	37	31	25	19	34	31	24	21	30	32	37	33		35.4
CHICAGO WB AIRPORT	MAX	54	46	42	44	48	60	70	65	71	71	61	70	54	49	39	36	39	36	55	42	33	38	39	45	29	38	38	45	54	43		48.1
	MIN	25	33	29	36	29	36	36	47	41	52	48	53	40	34	33	30	31	28	35	27	20	15	29	29	16	15	25	31	33	28		32.[illegible]
CHICAGO WB CITY	MAX	53	49	43	44	47	58	68	62	68	69	62	68	56	50	41	40	40	37	55	44	35	38	39	37	31	40	38	48	54	45		48.6
	MIN	34	34	31	40	36	38	45	50	49	56	49	56	42	37	35	35	34	30	37	30	25	21	35	31	23	23	30	34	40	36		36.5
CICERO	MAX	55	48	45	45	51	61	71	67	70	70	62	69	59	49	44	38	39	38	54	52	35	38	41	35	33	34	39	45	57	44		49.6
	MIN	27	34	28	38	30	35	35	45	41	52	48	57	43	34	33	31	32	27	33	31	24	16	30	31	21	17	25	28	32	33		33.0
DANVILLE	MAX	52	48	42	56	52	59	69	70	70	74	74	72	60	55	48	45	41	44	55	54	37	36	48	45	39	40	40	54	60	51		53.0
	MIN	24	37	30	30	34	32	33	47	41	54	53	52	45	34	35	30	33	28	31	37	27	18	28	28	27	17	19	30	36	32		33.4
DECATUR	MAX	56	48	45	58	51	61	72	72	72	75	79	73	60	57	47	48	44	40	65	58	39	39	45	45	34	47	41	62	60	51		54.8
	MIN	25	35	31	36	28	31	37	45	44	54	54	54	44	35	32	29	30	27	31	39	27	17	31	31	26	22	32	36	39	32		34.5
DIXON	MAX	60	56	42	48	50	62	71	66	72	69	59	68	58	49	41	38	40	36	60	51	35	40	42	35	30	42	43	51	55	48		50.6
	MIN	27	34	19	31	20	31	29	39	37	50	44	53	39	33	32	27	31	22	34	31	22	15	28	28	17	14	27	30	26	28		29.9
DU QUOIN	MAX	55	58	47	64	52	59	71	70	73	75	71	69	62	58	52	51	51	41	61	60	49	41	58	62	51	52	52	74	66	56		50.7
	MIN	25	38	33	33	29	29	38	45	43	57	55	58	51	38	32	31	33	26	31	30	34	20	33	41	31	26	34	39	40	33		36.2
EAST ST LOUIS	MAX	62	56	50	65	53	64	74	75	74	79	80	69	65	60	53	52	52	45		74	47	46	61	57	45	60	57	77	68	58		60.3
	MIN	27	41	32	35	32	30	40	47	44	57	58	57	48	40	37	34	37	32		33	31	21	36	39	30	26	33	38	38	39		37.7
EFFINGHAM CAA	MAX	55	52	45	59	51	58	70	71	72	77	77	69	59	57	49	48	44	42	59	53	37	39	55	52	34	47	42	69	64	54		50.3
	MIN	24	34	33	34	29	28	36	40	42	53	52	53	44	34	29	29	23	28	31	31	23	18	31	34	29	23	34	36	38	30		3.3
ELIZABETHTOWN	MAX	56	67	49	67	59	59	70	70	73	76	74	78	68	60	54	54	49	47	65	64	55	42	60	62	51	52	49	71	68	59		60.9
	MIN	24	38	34	30	31	27	39	42	44	53	58	57	50	37	33	30	36	28	30	40	32	18	33	42	32	38	38	39	39	36		36.9
FAIRFIELD	MAX	55	61	52	63	54	60	72	74	75	79	80	75	66	53	52	52	45	41	60	59	43	40	45	62	45	54	48	70	67	55		50.6
	MIN	24	27	33	33	30	29	41	40	49	55	55	56	47	47	41	28	31	29	29	29	31	18	33	36	31	36	32	38	38	36		36.1
FLORA	MAX	55	58	46	62	53	60	71	72	72	77	72	72	65	57	53	51	46	40	60	56	47	41	56	57	42	49	46	70	65	55		57.5
	MIN	26	39	33	35	29	31	39	43	40	55	56	55	47	37	33	32	31	29	32	41	29	20	33	36	31	26	33	32	36	34		35.8
FREEPORT	MAX	60	50	42	45	50	65	71	68	70	66	52	64	57	49	39	35	39	36	60	51	31	40	39	33	29	39	39	45	54	44		48.7
	MIN	26	33	18	27	16	28	25	31	34	41	40	50	39	35	32	29	30	24	33	30	19	13	26	28	5	12	24	30	28	27		27.8
FULTON DAM 13	MAX	59	54	44	45	48	63	68	64	70	66	62	62	56	50	44	38	40	40	59	55	35	42	41	35	33	45	45	49	54	46		50.5
	MIN	29	36	26	36	31	36	33	43	42	54	47	51	40	35	33	31	34	30	36	33	36	18	31	29	25	22	29	31	32	33		33.7
GALESBURG	MAX	63	52	48	54	52	63	72	71	72	74	75	66	67	55	50	42	40	41	63	48	33	43	39	40	32	51	40	59	58	51		53.8
	MIN	29	35	22	32	22	35	36	44	45	53	53	47	37	34	32	27	32	32	34	33	23	18	31	29	22	24	30	32	36	31		33.0
GALVA	MAX	62	54	44	54	51	64	72	71	74	74	71	67	57	57	47	45	39	41	61	57	39	42	43	40	34	48	44	57	57	52		53.9
	MIN	25	34	23	35	25	30	37	40	42	51	49	52	39	32	32	25	31	31	34	33	25	13	29	29	23	21	30	31	31	29		32.0
GOLCONDA DAM 51	MAX	56	66	50	50	50	60	68	68	72	76	70	70	56	60	56	54	52	40	60	66	39	40	58	62	43	50	52	70	69	60		58.4
	MIN	27	29	32		32	30	38	40	44	54	54	54	43	40	35	30	32	25	27	38	24	20	30	36	30	25	36	42	36	36		35.1
GREENVILLE	MAX	57	53	49	62	53	61	71	73	72	77	77	64	63	60	52	50	48	41	67	55	41	44	58	55	38	52	49	73	65	56		50.9
	MIN	25	40	33	33	28	29	38	40	39	52	51	54	45	36	34	31	32	27	30	41	26	17	30	33	27	27	31	36	39	32		34.5
GRIGGSVILLE	MAX	64	59	48	61	51	65	73	72	74	79	79	70	64	58	52	48	47	42	70	66	44	45	45	51	37	57	57	65	62	51		58.5
	MIN	25	34	21	36	23	29	41	48	43	50	54	53	40	32	28	28	31	28	31	38	24	16	32	31	21	25	28	34	39	30		33.1
HARRISBURG	MAX	58	64	49	67	55	61	71	72	75	79	73	76	65	59	54	55	51	42	62	62	42	43	61	65	45	53	51	73	67	57		60.2
	MIN	23	37	35	28	24	25	38	45	36	56	59	58	49	36	33	30	31	28	31	37	32	17	34	35	32	24	35	38	40	38		35.5
HAVANA	MAX	61	56	45	58	48	64	70	70	71	75	76	68	61	56	48	47	42	41	65	57	42	43	41	44	35	50	43	59	60	51		54.0
	MIN	25	37	28	35	27	27	34	41	41	53	52	53	44	35	32	27	34	33	33	39	28	17	32	31	26	24	33	33	36	30		34.0

Table 1 — Continued

DAILY TEMPERATURES

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
HENRY	MAX	58	52	49	56	51	68	74	72	72	74	73	69	57	57	43	44	39	40	61	54	40	41	38	38	32	44	44	59	61	52		53.0
	MIN	28	34	25	34	24	34	33	46	42	54	48	54	41	32	30	27	32	27	36	34	24	16	29	29	22	20	31	32	33	30		30.7
HILLSBORO	MAX	55	50	47	59	50	60	69	71	71	76	76	67	62	58	49	48	47	41	66	63	43	42	54	53	39	50	48	71	64	54		56.0
	MIN	25	39	32	32	28	30	40	44	40	52	55	57	45	35	32	29	29	28	32	32	28	16	32	33	28	26	30	36	36	34		34.5
HOOPESTON	MAX	54	47	44	52	50	60	70	75	75	72	59	55	46	43	40	39	54	52	35	38	43	40	35	39	40	54	58	49		51.0	
	MIN	22	37	28	36	28	30	32	44	40	53	51	57	44	33	34	29	31	27	33	35	25	17	30	26	26	17	30	27	34	31		32.9
JACKSONVILLE	MAX	63	52	48	61	51	65	73	75	74	80	80	70	65	59	51	49	43	44	70	57	43	47	46	50	37	56	50	66	63	54		58.0
	MIN	23	37	27	35	28	27	36	41	42	55	55	54	44	34	28	27	33	33	33	41	28	16	30	31	28	28	33	38	32	27		34.1
JERSEYVILLE	MAX	63	56	47	62	55	62	71	72	73	78	78	68	64	59	55	49	49	43	70	69	45	46	53	43	41	52	50	72	64	56		58.0
	MIN	28	39	25	34	28	31	32	44	43	54	57	59	45	38	32	29	33	29	32	41	30	19	31	32	27	27	28	37	41	33		35.3
JOLIET WB AIRPORT	MAX	54	46	43	48	49	61	70	67	69	71	60	67	55	52	39	38	40	37	56	44	34	37	41	35	29	39	38	51	57	46		49.0
	MIN	22	30	27	32	25	32	29	42	37	52	46	52	39	32	33	29	32	26	35	28	19	13	26	29	13	12	26	31	28	26		30.1
KANKAKEE	MAX	53	48	43	48	49	61	69	68	69	72	72	70	62	53	45	42	39	38	56	53	33	38	41	35	33	38	39	52	56	48		50.0
	MIN	25	36	28	37	29	33	33	47	40	53	50	56	43	33	33	29	30	26	34	32	24	15	29	27	23	16	28	28	32	32		32.7
KANKAKEE 4 W	MAX	53	47	42	48	48	60	70	69	70	72	72	70	64	52	46	42	39	36	57	53	34	38	40	35	34	36	38	52	56	47		50.0
	MIN	23	35	27	37	27	32	35	45	39	51	48	55	42	32	29	30	25	33	32	23	13	30	25	22	14	27	26	32	30			31.7
KEWANEE	MAX	62	45	43	48	49	65	72	69	70	72	69	68	54	58	47	40	39	40	60	54	33	41	40	32	30	36	46	54	51	46		51.0
	MIN	25	34	23	23	23	35	34	43	41	48	44	51	44	32	32	25	31	32	32	32	26	15	29	26	22	18	28	36	36	32		31.5
LA HARPE	MAX	65	55	49	58	51	68	72	72	73	76	78	69	62	58	45	46	43	42	64	56	40	46	43	41	33	55	44	61	60	52		55.0
	MIN	23	37	21	32	24	29	37	43	44	54	52	54	36	33	30	27	34	32	34	37	25	16	27	31	20	27	30	34	32	27		30.7
LA SALLE	MAX	57	51	44	50	50	63	72	69	73	74	62	69	55	53	44	43	40	39	60	56	37	41	41	39	33	43	43	55	57	48		52.0
	MIN	28	33	24	36	24	35	32	47	41	54	50	55	44	35	34	31	34	27	36	34	24	17	31	31	23	18	31	31	37	35		30.7
LINCOLN	MAX	55	46	44	57	48	62	71	71	70	73	76	67	60	57	45	48	42	39	65	59	40	41	43	46	34	46	40	63	59	51		53.9
	MIN	27	35	30	37	24	32	35	45	40	50	54	56	45	35	33	30	31	30	33	37	25	18	31	31	27	21	33	35	38	32		30.3
MARENGO	MAX	55	48	41	43	49	61	71	67	70	69	52	63	58	49	40	38	38	36	56	50	32	37	39	36	29	38	39	44	55	42		48.2
	MIN	27	31	22	35	21	32	30	40	35	49	43	50	40	35	32	28	30	23	32	31	19	9	25	27	14	3	20	24	29	29		20.8
MATTOON	MAX	53	49	44	58	49	58	69	69	70	75	75	70	57	56	45	46	40	40	58	52	36	38	49	48	33	43	40	65	61	51		53.2
	MIN	28	34	30	34	28	29	38	43	40	52	55	52	43	34	32	30	32	27	33	36	24	21	29	32	24	22	33	35	39	32		30.0
MC LEANSBORO	MAX	55	62	48	64	57	60	71	72	72	74	78	75	69	60	53	53	48	45	61	60	52	42	58	61	46	50	51	73	68	60		59.9
	MIN	25	38	34	32	30	29	38	42	41	56	54	55	48	38	33	28	33	27	30	40	32	19	33	38	31	26	34	37	38	37		30.9
MOLINE WB AIRPORT	MAX	62	50	45	50	49	63	72	67	71	71	66	62	54	53	40	41	40	40	62	44	33	44	40	38	30	49	40	54	55	49		51.1
	MIN	32	33	22	27	23	36	31	45	48	49	44	48	38	35	28	27	34	32	38	32	19	18	31	28	24	24	29	35	34	32		30.5
MONMOUTH AIRPORT	MAX	63	54	45	52	48	68	71				75	67	58	56	45	43	40	39	64	60	38	44	41	40	36	51	43	57	57	50		52.0
	MIN	23	38	20	34	25	31	30	47			43	54	38	33	31	27	32	32	34	36	25	15	30	29	19	28	28	29	34	28		30.2
MORRIS 3 NE	MAX	56	53	43	48	50	62	72	69	70	72	66	69	63	52	47	42	39	40	58	55	35	39	42	35	35	38	40	55	56	47		51.6
	MIN	25	33	27	35	24	34	34	45	36	51	45	53	43	33	33	29	31	30	25	35	23	15	28	27	20	14	27	27	32	31		30.5
MORRISON	MAX	63	52	45	50	50	64	72	68	71	71	57	56	55	52	41	39	40	39	60	54	34	43	40	37	31	45	45	50	56	48		51.3
	MIN	24	33	20	30	22	29	28	37	38	51	43	50	37	32	29	25	30	22	32	28	22	12	27	27	18	18	27	28	29	29		20.2
MORRISONVILLE 1 E	MAX	55	49	50	59	50	60	70	71	70	75	76	67	61	57	49	48	44	40	65	62	40	41	50	50	38	48	46	69	63	53		55.9
	MIN	24	35	32	32	26	28	37	43	40	52	54	57	44	34	30	29	30	29	31	34	27	16	28	30	28	23	31	37	35	31		30.6
MT CARMEL	MAX	55	52	48	61	55	58	72	72	73	79	78	78	70	58	55	54	45	45	62	59	48	41	46	54	47	48	48	70	68	57		58.5
	MIN	25	38	30	33	29	30	38	45	38	52	55	54	48	38	35	30	33	30	30	40	32	20	34	36	32	33	28	37	40	35		30.9
MOUNT CARROLL	MAX	60	53	41	45	49	64	70	66	69	68	54	63	55	48	41	37	38	37	62	57	31	41	39	35	31	42	42	47	54	46		49.5
	MIN	29	35	21	33	21	32	27	40	38	53	42	51	38	34	33	28	31	25	34	30	23	15	31	28	15	18	27	32	33	32		30.0
MT VERNON	MAX	58	57	48	64	54	63	73	72	74	77	79	70	63	60	54	52	50	29	62	58	42	45	60	60	45	53	45	75	67	57		59.2
	MIN	20	31	29	27	27	22	30	35	35	49	50	51	43	33	30	25	28	21	26	38	27	13	29	34	28	23	29	34	32	31		30.0
NEW BURNSIDE	MAX	55	67	50	67	54	64	71	70	73	77	69	76	59	59	54	55	52	40	62	64	45	42	58	63	45	52	51	72	70	50		59.9
	MIN	22	34	31	29	29	28	37	42	44	54	55	55	48	36	30	28	32	25	28	40	29	17	32	41	30	22	34	38	35	37		30.7
NEWTON	MAX	59	50	48	60	62	63	72	74	73	74	73	76	62	59	49	51	48	43	65	66	59	49	47	47	37	42	43	64	63	54		57.7
	MIN	24	36	32	38	36	33	30	40	33	41	48	54	45	38	35	31	32	29	32	35	32	30	33	33	28	25	33	38	41	34		30.0
OLNEY	MAX															57	50	53	46	42	58	56	37	40	55	56	35	47	45	68	63		.
	MIN															33	29	30	30	31	35	33	19	20	34	32	26	26	37	37	32		.
OTTAWA	MAX	57	49	44	50	53	65	72	71	72	74	63	70	55	55	44	45	40	38	59	54	37	41	44	37	33	42	42	58	58	48		52.4
	MIN	30	37	32	35	30	34	44	48	44	55	58	55	46	38	34	32	34	34	35	38	26	21	34	32	35	38	42	35	38	42		37.0
PALESTINE	MAX	59	58	46	59	54	59	69	73	72	78	80	74	56	56	50	52	43	45	55	38	41	44	53	40	44	44	61	63	54	51		55.7
	MIN	22	36	32	36	29	33	39	42	39	51	54	54	47	35	33	29	34	30	32	27	18	32	33	31	22	26	36	38	30	28		30.3
PANA	MAX	55	49	45	50	49	61	72	72	72	75	78	69	61	58	48	50	45	39	49	57	38	40	52	52	37	47	46	69	63	53		55.3
	MIN	23	35	31	33	26	27	39	40	39	52	52	54	44	33	31	27	29	28	30	34	27	16	29	30	27	21	32	34	38	31		30.1
PARIS WATER WORKS	MAX	53	50	45	57	50	58	70	70	70	75	77	72	61	55	48	45	46	47	55	53	56	38	50	48	38	42	45	55	60	50		54.6
	MIN	24	36	31	35	30	30	38	45	43	51	56	58	46	34	34	30	30	28	33	35	26	17	29	29	29	19	34	34	35	30		30.3
PEORIA WB AIRPORT	MAX	59	47	43	53	48	62	71	69	71	73	74	67	59	55	40	44	41	39	61	49	34	41	41	42	30	47	39	57	56	50		52.1
	MIN	26	34	26	30	25	30	33	40	44	52	55	51	38	33	30	27	33	32	34	32	20	16	31	30	21	21	33	35	36	30		30.6
PONTIAC	MAX	55	48	44	50	49	62	70	69	70	72	74	68	56	55	46	43	39	38	59	53	37	38	40	40	35	40	40	58	57	48		51.8
	MIN	26	36	29	35	25	31	35	46	40	51	51	55	43	33	32	29	32	26	34	35	24	17	31	28	23	19	29	29	32	30		30.9
QUINCY	MAX	65	54	48	58	49	66	71	72	76	79	80	68	65	58	47	47	44	44	69	55	42	48	44	46	36	59	48	63	61	53		57.2
	MIN	31	36	26	39	26	34	43	48	50	58	59	55	41	38	31	32	34	33	37	40	28	21	34	32	25	29	31	38	39	34		30.7
QUINCY CAA	MAX	65	48	47	58	52	67	71	71	74	79	79	65	63	57	46	46	44	42	69	48	36	46	42	46	34	60	44	61	61	53		55.8
	MIN	26	31	20	27	24	27	36	44	47	55	58	46	38	31	28	26	30	29	33	35	20	16	31	29	20	24	28	35	35	28		30.9
RANTOUL CHANUTE AF	MAX	53	45	44	54	50	59	69	69	68	72	74	70	55	54	40	40	41	39	57	53	35	37	42	41	31	40	40	60	58	48		50.3
	MIN	25	33	30	38	32	33	37	45	37	53	51	53	43	35	31	31	32	28	34	34	23	19	30	32	22	20	29	32	38	33		30.8
ROBERTS 3 N	MAX	53	46	43	50	59	63	70	70	69	73	75	70	63	52	47	42	40	37	57	55	38	37	41	41	36	38	42	60	56	48		50.4
	MIN	23	34	29	35	27	29	35	43	40	51	51	55	43	32	32	29	31	25	33	36	24	16	27	26	24	26	17	26	33	30		30.1
ROCKFORD	MAX	59	54	40	45	50	64	73	69	72	67	57	64	61	50	41	37	37	36	57	54	35	40	40	35	30	38	40	46	57	46		49.8
	MIN	28	34	22	35	21	34	32	40	40	51	42	51	40	36	33	30	31	24	34	31	20	14	29	28	14	12	25	29	27	32		30.6
ROCKFORD CAA	MAX	58	47	42	44	48	62	71	66	70	67	54	65	54	46	40	37	37	36	54	41	32	38	37	33	26	38	38	45	52	44		47.4
	MIN	27	30	20	24	18	34	29	38	38	42	40	49	37	35	33	29	29	23	35	23	14	11	25	26	4	6	24	29	28	26		20.5
RUSHVILLE	MAX	65	58	48	58	52	66	72	70	74	77	78	67	65	57	47	46	43	42	67	60	32	45	44	44	36	56	46	61	63	54		56.4
	MIN	25	39	24	34	26	30	39	46	42	52	54	55	42	34	32	26	33	32	32	36	28	17	33	31	26	27	34	35	38	34		30.5
SPARTA	MAX	60	56	48	66	57	64	75	73	73	77	75	67	65	61	54	52	51	43	66	60	49	40	62	61	48	55	51	77	68	57		60.4
	MIN	23	40	30	32	29	32	38	42	44	54	55	58	46	40	33	32	33	26	30	43	30	18	30	37	30	22	34	36	42	37		30.9
SPRINGFIELD WB AIRPORT	MAX	57	47	44	58	49	63	69	70	70	74	75	65	61	56	45	46	44	40	66	53	36	41	44	46	33	49	39	65	61	52		53.9
	MIN	27	35	31	33	27	30	36	44	46	56	57	52	42	35	28	30	31	33	36	32	21	17	33	31	25	24	33	38	34	27		34.2
SPRINGFIELD WB CITY	MAX	57	50	45	59	49	62	70	72	71	76	76	66	62	57	47	48	45	41	66	54	39	42	47	48	34	48	40	65	61	52		55.0
	MIN	30	37	32	35	30	34	44	48	44	55	58	55	46	38	34	32	34	34	35	38	26	21	34	33	27	25	35	38	42	35		37.0
STOCKTON	MAX	58	53	40	43	49	64	70	67	68	68	60	60	56	48	40	35	36	35	60	55	31	39	37	31	29	39	39	45	52	45		48.4
	MIN	28	33	17	34	20	31	36	40	37	50	40	48	36	33	31	28	30	24	32	30	20	13	28	26	14	15	22	30	31	30		29.6
SYCAMORE	MAX	54	47	40	46	47	60	71	66	69	66	55	63	53	48	40	35	38	36	55	47	32	37	39	35	28	38	38	49	55	44		47.7
	MIN	25	30	22	32	20	33	33	42	38	48	46	50	40	31	31	27	30	24	33	27	14	13	25	26	12	9	22	25	30	27		28.8
TABLE GROVE	MAX	64	52	47	56	50	65	72	72	73	77	79	66	61	57	44	46	41	42	65	55	38	45	42	42	32	54	44	60	60	51		55.1
	MIN	36	36	23	35	25	31	40	38	45	52	56	53	41	35	31	28	32	32	35	32	27	17	33	32	25	26	32	35	35	30		34.0
TUSCOLA	MAX	63	48	48	58	55	68	72	72	70	76	76	70	62	58	52	47	41	42	60	54	42	38	50	46	40	41	42	62	64	52		55.6
	MIN	24	37	30	36	26	32	30	44	38	52	50	56	45	34	34	28	32	27	30	40	29	16	32	28	27	18	32	34	38	28		33.6
URBANA	MAX	52	46	44	56	51	59	69	69	70	74	75	69	61	55	45	46	42	39	59	52	39	38	45	44	36	41	40	60	60	50		52.9
	MIN	24	38	31	31	29	32	39	39	40	51	51	57	46	35	34	29	32	28	29	39	29	19	34	30	26	20	34	32	38	32		34.3
VIRDEN	MAX	56	49	46	60	50	61	69	70	69	74	74	65	62	67	50	48	46	41	66	59	42	41	48	50	37	50	46	67	62	53		55.9
	MIN	22	31	29	33	23	26	35	40	36	49	51	54	42	32	28	27	27	29	30	36	23	14	30	31	25	24	30	35	36	29		31.9
WALNUT	MAX	60	57	43	50	47	60	69	71	70	70	63	68	59	52	45	41	40	38	58	55	38	40	39	37	33	43	42	50	53	47		51.3
	MIN	29	34	31	33	21	33	36	44	44	54	50	53	40	32	31	27	31	23	34	34	22	16	28	29	21	19	29	29	31	29		32.2
WATSEKA	MAX	52	48	45	49	50	61	70	68	69	73	73	71	62	53	46	42	38	38	54	54	35	36	41	39	35	37	38	54	55	47		51.1
	MIN	24	35	27	36	30	31	34	44	42	53	52	56	44	33	34	29	32	27	34	35	24	17	31	26	26	17	30	27	32	32		33.1
WAUKEGAN	MAX	55	48	44	41	49	61	71	62	73	69	55	68	59	49	42	39	38	35	51	45	32	38	39	35	29	35	40	43	54	42		48.0
	MIN	23	31	26	34	25	34	38	42	36	52	43	49	41	37	33	28	28	24	31	28	23	12	27	26	14	9	22	26	32	29		30.1
WHITE HALL 5 E	MAX	64	61	48	60	52	65	72	73	73	78	79	75	65	62	55	48	46	44	70	69	47	45	50	52	38	59	58	67	64	59		59.9
	MIN	23	39	26	32	27	27	39	49	41	54	56	57	45	36	29	28	34	30	30	41	29	16	33	32	27	27	31	37	39	33		34.9
WINDSOR	MAX	53		49	58	50	58	70	70	70	75	76	69	68	55	49	47	41	40	59	54	40	38	50	48	38	44	43	65	60	51		54.8
	MIN	23		31	33	24	29	37	39	38	50	51	55	44	43	31	27	31	27	29	38	28	17	30	28	26	20	32	35	38	31		33.3

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ANNA	SNOWFALL																					T										
	SN ON GND																															
ANTIOCH	SNOWFALL		T													T	T	0.6	T		T	T			3.5							
	SN ON GND		T																		T	T			3	3	2	1	T	T		
AURORA COLLEGE	SNOWFALL		T	T												T	0.2	0.1			0.2	0.4			1.8	T					
	SN ON GND		T															T			T	T	T	T	2	1					
BELLEVILLE SCOTT AF	SNOWFALL		T														T								T	T					
	SN ON GND																															
BLOOMINGTON NORMAL	SNOWFALL																T	T				T			T							
	SN ON GND																															
CAIRO WB CITY	SNOWFALL																					T										
	SN ON GND																															
CARLINVILLE 4 E	SNOWFALL		T																			T				T						
	SN ON GND																															
CHICAGO WB AIRPORT	SNOWFALL		T	T	T	T									T	T	0.1	T	T		T	T			2.5	T						
	SN ON GND		T													T	T	T			T	T			1	1	1	T				
DANVILLE	SNOWFALL																	T				T				T						
	SN ON GND																															
DECATUR	SNOWFALL																									T						
	SN ON GND																															
DIXON	SNOWFALL		T																						1.0	T						
	SN ON GND																								1	T						
EFFINGHAM CAA	SNOWFALL		T															T				T			T	T						
	SN ON GND																					T										
GALVA	SNOWFALL															T	T	T														
	SN ON GND																															
GOLCONDA DAM 51	SNOWFALL	T																					T			T						
	SN ON GND																															
GREENVILLE	SNOWFALL																					T				T						
	SN ON GND																															
HARRISBURG	SNOWFALL																					T										
	SN ON GND																															
HENRY	SNOWFALL		T														T		T		T	T		T	T							
	SN ON GND																								T							
JOLIET WB AIRPORT	SNOWFALL		T													T	T	T			T	T			1.8	T						
	SN ON GND																				T				1	T	T	T				
KANKAKEE	SNOWFALL																T	T							2.5							
	SN ON GND																								T	T	T	T				
LA HARPE	SNOWFALL																T	T							0.2	T						
	SN ON GND																								T	T						
LINCOLN	SNOWFALL																	T														
	SN ON GND																															
MARENGO	SNOWFALL		T										T		T		2.0	0.6			0.9				3.2							
	SN ON GND																T	T			1	1	T		3	3	2	1	T	T		
MOLINE WB AIRPORT	SNOWFALL		T													T	T	T	T		T	T		T	0.5	T						
	SN ON GND																								T	T						
MONMOUTH AIRPORT	SNOWFALL		T														T					0.2			1.5	0.4						
	SN ON GND																									1						
MORRISON	SNOWFALL		T													T	0.2	T	T		T	T			1.0							
	SN ON GND																								1	T						
MORRISONVILLE 1 E	SNOWFALL																					T				T						
	SN ON GND																					T										
OLNEY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T										
	SN ON GND																															
OTTAWA	SNOWFALL		T													T	T	T			T	T			T	T						
	SN ON GND																					T										
PEORIA WB AIRPORT	SNOWFALL		T														T	T			T	T			0.3	T						
	SN ON GND																								T	T						
PONTIAC	SNOWFALL																T	T				T			T	T						
	SN ON GND																					T				T						
QUINCY CAA AP	SNOWFALL																T					T			T							
	SN ON GND																					T			T							
RANTOUL CHANUTE AF	SNOWFALL		T														T	T			T	T			T	T						
	SN ON GND																															
ROBERTS 3 N	SNOWFALL																T	T					T		T	T						
	SN ON GND																															
ROCKFORD CAA AP	SNOWFALL		T												T	T	2.0	T			0.7	T			2.0	T	T					
	SN ON GND																T				1	T	T		2	2	2	T	T			
SPARTA	SNOWFALL																					T										
	SN ON GND																															
SPRINGFIELD WB AIRPORT	SNOWFALL		T															T				T			0.2	T						
	SN ON GND		T																													
STOCKTON	SNOWFALL														T		3.0	1.0			T	T			3.0							
	SN ON GND																1	T			T				2	2	2	1	T			
SYCAMORE	SNOWFALL		T													T	T	T	T		0.5	T			2.5							
	SN ON GND		T														T				T	T			2	2	2	1	T			
TABLE GROVE	SNOWFALL		T											T			T					T			0.5	T						
	SN ON GND																					T				T						
TUSCOLA	SNOWFALL																T								T	T						
	SN ON GND																															

See reference notes following Station Index

Table 7 -Continued

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WHITE HALL 1 F	SNOWFALL																T					T			T							
	SN ON GND																T					T			T							

See reference notes following Station Index.

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F°, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Amounts in Table 4 are from recording gages. Traces are not shown.

No record in Tables 3, 4, 6, 7 and the Station Index is indicated by a dash. No Record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Precipitation measured at 6-hourly intervals, no recording gage.
B Adjusted to a full month.
E Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record.
R Station equipped with recording gage only.
S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published in the June issue of this publication.
T Trace, an amount too small to measure.
V Includes total for previous month.
Z Hourly amounts from a recording gage at the same site may be found in Table 4.

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STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	[illegible]	41 03	90 34	[illegible]		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5 7
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5 7
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	[illegible]		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	8P	[illegible]	PHY'S DEPT AURORA C	2 3 5 7
BARRY	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	MATTHEW W DART	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5 7
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	[illegible]	[illegible]	4P	HARRY G JOHNSON	2 3 5 7
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA AP	0873	BUREAU	1	41 13	89 37	795		MID	U S CIVIL AERO ADM	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5 7
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 4 W	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN IS	1420	GRUNDY	1	41 24	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	2 3 5
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PLANT	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5 7
DANVILLE HOSPITAL	2143	VERMILION	7	40 08	87 39	575		MID	LAKEVIEW HOSPITAL	3 4
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 08	87 39	555		MID	KENNETH A BIDLE	CLOSED
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5 7
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5 7
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	WILLARD D STAGGS	3 4
DOWNS 2 NE	2417	MC LEAN	[illegible]	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	[illegible]	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	[illegible]	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST. LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA AP	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 27	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 31	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	ESTALOY M MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	[illegible]	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	[illegible]	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	[illegible]	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5 7
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD F BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 41	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5 7
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 03	380		6A	CORPS OF ENGINEERS	3
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 53	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5 7
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5 7
HARRISBURG 4 E	3884	SALINE	5	37 44	88 28			6A	GEORGE H DAVIS	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L L EUTENEUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	IRVING R STROH	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5 7
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 40	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	[illegible]	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	6P	6P	EDWIN M PORTER	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5 7
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5 7
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56	620	6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5 7
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
LEROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5 7
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	[illegible] 21	646		6P	T L HAENSEL	3
MACOMB	[illegible]	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	[illegible]
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5 7
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 [illegible]
MARION	5342	WILLIAMSON	4	37 44	[illegible] 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	GILBERT L WOOD	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL	5380	CLARK	7	39 23	87 42	606		6P	LESTER PARSONS	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	CHARLES E FLINSPACH	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 [illegible] 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	[illegible] 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	CITY OF MINONK	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5 7
MONMOUTH AIRPORT	5768	WARREN	4	40 55	90 38	770	6P	6P	HIRAM A WALKER	[illegible] 3 5 7
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	GRUNDY	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 49	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	[illegible] 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 3 5 7
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5 7
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F F SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5 7
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	[illegible] W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 35	88 46	560	7P	7P	MISS MAE MC CABE	2 3
NEWTON	6159	JASPER	7	39 00	88 10	512	6P	6P	C L BATMAN	2 3 4 5
OLNEY RADIO STATION	6446	RICHLAND	7	38 42	88 04	472	7A	7A	RADIO STATION WVLN	2 3 7
OREGON WATER WORKS	6492	OGLE	6	42 01	89 20	700		6P	GLENN S EDELMAN	3
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	[illegible]	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A [illegible]	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 7
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 20	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND [illegible]	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LEE GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	LEWIS TEBEAU	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	[illegible]		MID	[illegible] W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK [illegible]	3
PROPHETSTOWN	7014	WHITESIDE	6	41 10	89 56	[illegible]		MID	ILL NORTHERN [illegible]	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	[illegible]	7P	7P	A H GIBSON	2 3
QUINCY CAA AP	7072	ADAMS	4	39 56	91 11	[illegible]	MID	MID	U S CIVIL AERO ADM	2 3 4
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 21			[illegible]	[illegible] BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 18	88 09	744	MID	MID	US AIR FORCE	2 3 4 5 7
RED BUD	[illegible]	RANDOLPH	2	38 13	[illegible]	[illegible]		[illegible]	[illegible] H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R F BRADBURY	2 3 5 7
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA AP	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE	7603	JASPER	7	38 56	88 01	[illegible]		7A	JUDSON E CAMERON	3
SALIM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5 7
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6 7
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	[illegible] 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 49	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5 7
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAECKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5 7
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	[illegible] 3 [illegible] 7
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 2 E	8604	BUREAU	1	41 18	89 28	512		6P	BERT L HAND	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5 7
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV OF ILLINOIS	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	3 6
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 23	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 46	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	98 35	385		7A	PAUL F NICHOLS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	89 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5 7
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5
NEW STATIONS										
BLOOMINGTON	0761	MC LEAN	1	40 30	89 01			7A	C C WILLIAMS	3
OREGON	6490	OGLE	6	42 01	89 20	700		MID	GEORGE J LONG	4

‡ - DRAINAGE CODE 1 Illinois 2 Kaskaskia, 3 Lake Michigan, 4 Mississippi, 5 Ohio 6 Rock, 7 Wabash

See Table 8 following Table 1
See reference notes following Table 7

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

DECEMBER 1949
Volume LIV No. 12



CHICAGO: 1950

ILLINOIS - DECEMBER 1949

E. W. Holcomb, Section Director - Springfield

WEATHER SUMMARY

Unusually heavy precipitation and above-normal temperatures were the features of this month's weather. Precipitation, mainly in the form of rain, averaged 4.72 inches for the State, the greatest in any December since 1895. The mean temperature for the State was 35.7°, which is 4.5° above normal. Despite the copious precipitation, snowfall was light over most of the State. Only in the extreme northeast and near the Wisconsin border did snowfall total over 5 inches; less than an inch of snow was recorded by most central and southern stations.

Seasonal temperatures prevailed on the first 2 days of the month, succeeded by milder weather from the 3rd through the 6th. A cold spell moved into the State on the 7th, but temperatures rose rapidly after the 9th. Most of the State had its warmest weather on the 11th; on that date Griggsville and East St. Louis each recorded 73°, highest temperature for December. The first general precipitation of consequence began on the 9th and continued to the 12th, many heavy amounts being reported in this period.

Rather cold weather covered the State from the 12th through the 15th. The lowest temperatures of the month in the central and southern portions occurred on the morning of the 15th. Temperatures moderated after the 15th and were unseasonably high until the 21st. A period of frequent precipitation began on the 17th and continued through the 22nd, many stations recording over 2 inches of rain on the 21st.

Most northern division stations observed their lowest temperatures of the month on the 23rd. Freeport's minimum reading on that date was 7° below zero, this temperature being equalled at Stockton on the following day. The last week of December was quite mild. The final periods of general precipitation occurred on the 25th-26th and on the 31st; several localities received over an inch of precipitation during the former period.

On the afternoon of the 11th a tornado hit rural areas of northern Madison County, damaging several farm buildings; property loss was estimated at $5,000. The Pana-Dollville area also was struck on the 11th by a severe storm, apparently a tornado, although the funnel was not observed. Several homes in Pana and a number of farm buildings near Dollville were badly damaged; one person was injured and property damage was estimated at $20,000. A 9 year old girl was killed by lightning near Modesto on the 11th.

Heavy rain combined with freezing temperatures resulted in severe glazing over the extreme west-central counties on the 21st, damage being especially heavy in the Quincy area. Telephone and electric power services were crippled, requiring several days for full restoration. Hundreds of trees were ruined or damaged in Quincy by the weight of the ice. The total property loss was estimated at $600,000.

During the early part of December many wells went dry in northern Illinois due to deficient rainfall in previous months. Subsoil moisture was low also except in the extreme south, but December's heavy precipitation generally replenished ground moisture. The condition of winter wheat was mainly good in the north and central portions, but rather poor in some extreme southern localities. Wet fields hampered the completion of harvesting operations in the extreme south.

G.R.J.

ACKNOWLEDGMENT

In addition to the Climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being listed to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m.p.h				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:30 A CST	7:30 A CST	1:30 P CST	7:30 P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
CAIRO			9.2	34	S	21					4	2	7	1	2	0	16	50	6.6	663
CHICAGO AIRPORT	SSE	13	10.8	30	W	11	77	79	69	76	6	3	4	1	3	0	19	47	6.8	1032
JOLIET AIRPORT	SSW	14	12.8				82	84	70	80	3	5	4	2	3	0	17		6.7	1052
MOLINE AIRPORT	WNW	12	11.2	42	SW	11	76	77	64	71	7	4	2	3	0	0	16	46	6.2	1055
PEORIA AIRPORT	S	20	12.1	40	W	4	78	80	66	75	4	4	4	1	3	0	16	44	6.4	984
SPRINGFIELD AIRPORT	S	21	13.0	43	SW	11	78	81	67	74	4	4	8	0	0	1	17	42	6.5	918

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	32.2	63	- 2	1.00	6.3	4
1891	37.6	70	1	1.79	2.5	7
1892	27.2	72	-16	1.83	2.9	7
1893	30.6	74	-14	1.58	5.8	7
1894	34.8	71	- 7	2.04	1.1	6
1895	32.7	65	- 8	4.94	5.3	10
1896	35.3	70	- 4	0.54	1.0	4
1897	27.9	72	-18	2.52	5.0	9
1898	27.2	64	-12	1.40	3.3	6
1899	29.3	66	- 8	2.34	4.9	8
1900	32.2	66	- 3	0.94	2.0	5
1901	25.5	68	-19	2.95	4.4	6
1902	28.6	66	-13	3.14	4.3	10
1903	24.3	59	-24	1.84	6.5	6
1904	29.5	68	-21	1.89	5.7	7
1905	31.5	60	- 3	1.95	2.0	6
1906	33.1	71	- 2	3.12	1.2	9
1907	34.0	74	2	2.54	5.6	8
1908	33.3	76	- 6	1.15	2.6	5
1909	22.0	72	-21	2.99	14.9	10
1910	27.1	63	-10	1.40	3.5	5
1911	35.0	68	-10	3.19	4.0	8
1912	34.3	64	- 2	0.92	0.4	5
1913	36.9	74	9	1.04	3.0	6
1914	24.3	69	-29	2.39	9.9	12
1915	30.2	63	-11	2.87	8.3	8
1916	28.2	74	-16	2.37	6.3	9
1917	22.3	70	-23	0.87	9.9	8
1918	38.8	74	- 1	3.44	4.1	10
1919	24.6	65	-22	0.69	2.6	4
1920	33.3	68	-13	2.75	4.1	8
1921	34.4	66	- 6	2.88	2.5	7
1922	32.2	70	-16	2.52	1.4	7
1923	40.8	75	- 2	3.56	1.0	11
1924	25.5	70	-26	3.53	4.1	10
1925	27.8	72	-17	1.34	3.1	5
1926	29.3	68	- 9	1.42	3.7	7
1927	29.1	72	- 6	2.97	3.7	7
1928	34.2	73	- 5	2.32	1.4	7
1929	31.0	74	-11	2.30	9.5	10
1930	31.5	70	- 9	0.69	2.2	6
1931	40.1	76	7	2.92	3.1	9
1932	30.3	69	-20	3.88	4.7	9
1933	35.3	75	-26	1.45	2.0	6
1934	28.5	59	- 9	1.75	7.5	9
1935	25.9	64	-15	1.22	5.8	8
1936	35.1	67	-13	2.95	2.0	7
1937	28.5	62	- 4	2.10	1.7	10
1938	31.9	68	- 6	1.65	1.5	7
1939	35.7	74	- 8	1.12	5.6	4
1940	36.1	71	-16	2.05	1.0	9
1941	37.6	71	5	1.68	2.6	6
1942	27.2	74	- 9	2.76	7.8	10
1943	29.3	69	-12	1.27	4.5	5
1944	25.3	67	-24	1.66	9.5	8
1945	24.7	68	-18	2.01	9.2	9
1946	36.4	73	-16	2.23	2.7	7
1947	33.8	67	5	2.13	1.0	6
1948	34.1	78	-12	2.69	4.5	8
1949	35.7	73	- 7	4.72	1.6	10
PERIOD	31.2			2.15	4.3	

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F°, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Amounts in Table 4 are from recording gages. Traces are not shown.

No Record in Tables 3, 4, 6, 7 and the Station Index is indicated by a dash. No Record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

\+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Precipitation measured at 6-hourly intervals, no recording gage.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record.
R Station equipped with recording gage only.
S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published in the June issue of this publication.
T Trace, an amount too small to measure.
V Includes total for previous month.
Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, Monthly and Annual; $1.50 per year.(Yearly subscription includes the Annual Summary). Checks,postal notes and money orders should be made payable to the Treasurer of the United States.Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

CLIMATOLOGICAL DATA

Table 2

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	33.0M	5.7	67	11	4	23		25	3.07	1.60	1.07	21	0.6	T	9+	7	4	1
ANTIOCH	28.6	3.4	59	11+	0	23		28	4.03	2.43	.98	21	8.0	6	1+	9	7	
AURORA COLLEGE	30.3M	3.9	65	12	- 1	23		16	6.30	4.62	1.98	21	7.5	4	26+	13	7	2
CHICAGO HEIGHTS	31.9M		62	11	3	15												
CHICAGO UNIVERSITY	33.4	4.6	62	11	6	23		22	5.62	3.58	2.07	21				14	4	2
CHICAGO WB AIRPORT	31.8	4.9	61	11	4	23		25	6.67	4.60	1.81	21	5.3	2	1	15	5	3
CHICAGO WB CITY	34.1	4.1	62	11	6	23		20	6.09	4.02	1.74	21				14	5	2
CICERO	32.6	4.2	61	11	2	23		24	5.50	3.73	2.04	21	5.3	3	1	15	5	2
DIXON	30.4	4.5	62	11	- 2	23		26	4.27	2.75	1.12	21	1.5	1	22+	9	6	2
FREEPORT	27.8	3.6	60	11	- 7	23		26	2.59	1.09	1.22	11	7.0	4	1	11	4	1
FULTON DAM 13	31.1	5.1	65	11	0	23		26	2.35	.87	.65	22		1	23+	10	4	
GALESBURG	32.2		64	11	5	23		26	2.93	1.37	1.05	21	0.5	T	22+	7	5	1
GALVA	32.4	5.6	64	11	0	23		26	3.33	1.87	1.03	21	1.4	1	26	9	5	1
HENRY	33.4	4.8	62	11	2	23		25	6.42	4.82	2.95	21	1.2	1	26	12	7	1
JOLIET WB AIRPORT	30.8	4.9	62	11	1	15		25	6.37	4.59	1.82	21	3.8	1	1+	14	6	3
KANKAKEE	33.8	5.4	64	11	5	15		25	5.55	3.63	2.91	21	T	T	22	11	5	1
KANKAKEE 4 W	33.0		63	12	3	15		25	5.66	3.78	2.79	21	0.3			11	5	2
KEWANEE	31.1	4.6	63	11	1	15+		26	3.88	2.43	.93	21	1.6	1	22+	10	5	
LA SALLE	33.3	4.8	63	11+	4	15		25	3.06	1.54	1.05	21	3.5			10	5	1
MARENGO	28.3	3.6	60	11	- 3	23		25	4.82	3.33	1.18	21	12.4	9	1	11	6	2
MINONK	34.2M	6.2	63	11	4	15+		26	6.32	4.66	3.49	21	T	T	10+	8	4	2
MOLINE WB AIRPORT	31.0	5.3	67	11	3	23		27	2.91	1.43	.96	20	2.3	1	22+	9	4	
MONMOUTH AIRPORT	32.3M	4.6	66	11	3	15+		25	2.59	1.07	1.10	21	0.2	1	26	7	3	1
MORRIS 3 NE	32.5	5.0	63	11	2	15		25	5.74	4.05	2.27	21	0.5	T	1+	9	7	2
MORRISON	30.2	3.9	63	11	- 2	23		26	2.42	.90	.65	20	2.0	1	22+	10	4	
MOUNT CARROLL	29.6	4.8	62	11	- 5	23		26	3.75	2.20	1.18	11	6.7	3	1	10	5	2
OTTAWA	33.4	5.3	63	11	4	23		25	5.41	3.85	2.21	21	5.8	2	26	12	6	1
PONTIAC	34.0	4.6	63	11	6	15		25	5.58	3.70	3.05	21	0.5	T	10+	12	5	1
ROCKFORD	29.7	4.3	61	11	- 1	23		26	1.86	.29	.49	31		1	10	8	4	
ROCKFORD CAA	27.5	4.7	62	11	- 5	2+		26	3.33	1.76	.65	1	10.0	7	1+	13	5	
STOCKTON	26.8		60	11	- 7	24		27	2.12	.66	.65	11	7.0	4	1	8	4	
SYCAMORE	28.4	3.2	60	11	- 2	23		26	4.24	2.66	.99	21		4	1+	10	7	
WALNUT	31.9	4.7	62	11	1	23		26	3.89	2.42	1.14	21	0.2	T	9+	8	6	1
WAUKEGAN	29.5	3.0	60	11	0	23		26	4.71	3.00	1.30	21	8.5	5	1+	13	8	1
DIVISION	31.3	4.6							4.34	2.67			3.7					
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	35.4	6.1	65	11	7	15		22	6.67	4.71	3.40	21	1.1	T	22	12	6	1
CARLINVILLE 4 E	37.1	4.7	70	11	5	15		23	4.20	1.95	1.74	21	0.5	T	9	11	5	1
CHARLESTON	37.9M	6.0	67	12	7	15		21	3.90	1.37	.63	12	T			10	7	
DANVILLE	36.4	6.5	65	11+	5	15		21	4.76	2.48	1.47	21		1	10	12	6	1
DECATUR	36.8	5.8	65	11	8	15		21	5.68	3.42	2.19	21	T	1	9	13	5	2
EFFINGHAM CAA	37.3	6.4	66	11	10	15		22	3.92	1.33	1.26	21	0.8	1	8	11	5	1
GRIGGSVILLE	36.4	4.8	73	11	7	22		23	2.69	.99	1.60	21	T			7	3	1
HAVANA	35.6	5.8	67	11	7	15		25	5.82	4.18	2.80	21	0.9			10	5	1
HILLSBORO	37.9	5.1	67	11	8	15		25	5.22	2.98	1.44	11	1.0	1	9	10	6	2
HOOPESTON	34.9	5.5	63	12	3	15		22	4.94	2.64	2.03	21	1.5			9	5	1
JACKSONVILLE	37.3	6.3	71	11	7	15		24	3.45	1.72	2.10	21	T	T	9+	8	4	1
JERSEYVILLE	39.0M	6.3	70	11	12	15		20	4.02	1.82	1.48	21	T			8	5	1
LA HARPE	34.0	5.2	67	11	5	23		25	3.25	1.65	1.42	21	1.3	1	26+	9	4	1
LINCOLN	35.8	5.6	66	11	7	15		23	6.45	4.48	2.81	21	0.8	1	9	13	5	2
MATTOON	35.9		62	20+	7	15		20	4.43	1.90	1.57	21	T			12	5	1
MORRISONVILLE 1 E	37.5	6.1	67	11+	8	15		21	4.62	2.65	2.01	21				9	5	1
NEWTON	39.0	6.2	66	11	7	15		19					0.4					
PALESTINE	38.8M	5.2	68	20	9	15		21	6.15	3.16	1.19	11	3.3	3	9	13	7	1
PANA	36.8	5.0	67	11	6	15		24	4.44	2.15	1.50	21	0.5	T	9+	11	5	2
PARIS WATER WORKS	37.3	6.3	66	12	7	15		22	4.44	2.02	1.00	21	0.5	T	9+	11	6	1
PEORIA WB AIRPORT	33.3	5.2	64	11	7	23		24	6.34	4.57	1.95	21	3.6	1	9+	12	5	3
QUINCY	36.6	4.8	70	11	9	23		20	4.55	2.96	2.58	21	0.8	T	9+	9	5	1
QUINCY CAA	33.6		69	11	7	23		25	4.13	2.53	2.05	21	0.9	1	26	10	4	1
RANTOUL CHANUTE AF	34.5		64	11	8	15		23	5.97	4.01	2.80	21	2.0	2	9+	10	6	1
ROBERTS 3 N	33.9	5.1	62	11+	4	15		25	5.48	3.65	3.07	21	1.0	T	10+	10	5	1
RUSHVILLE	35.8	5.7	66	11	9	15+		22	5.64	3.93	3.10	21		T	23	7	5	1
SPRINGFIELD WB AIRPORT	35.3	5.6	67	11	8	15		24	4.74	2.56	2.40	21	0.4	T	9	13	5	1
SPRINGFIELD WB CITY	37.0	5.3	67	11	13	15		20	5.03	2.85	2.15	21				11	5	1
TABLE GROVE	34.6	5.4	65	11	8	23		26	5.25	3.69	2.12	21	2.0	1	26	13	6	1
TUSCOLA	36.5		64	11	4	15		22	4.76	2.46	1.08	22		1	9	10	7	1
URBANA	36.3	6.7	64	11	6	15		22	5.00	2.85	1.97	21	1.0	1	9	11	6	1
VIRDEN	36.9		67	11	9	15		22	4.75	2.82	2.14	21	0.2	T	9+	9	5	1
WAUSEKA	34.5		63	11+	6	15		22	5.64	3.55	2.62	21	0.5	T	22+	12	6	2
WHITE HALL 1 E	37.7		70	11	8	15		25	4.25	2.32	1.95	21	T			9	6	1
WINDSOR	36.3M	4.8	65	12	6	15		21	3.93	1.42	1.11	22		T	9	10		1
DIVISION	36.3	5.6							4.84	2.75			0.9					
SOUTHERN DIVISION																		
ALTON DAM 26	37.1		69	11	12	15		23	4.18	1.95	1.45	22	T	T	10+	11	6	1
ANNA	41.2	4.2	68	11	14	15		19	6.12	2.58	2.01	11	0.2	T	9	14	6	2
BELLEVILLE SCOTT AF	39.5		72	11	13	15		21	5.29	2.95	2.63	21	T	T	22+	10	6	1
CAIRO WB CITY	43.5	5.7	71	11	20	15		13	5.54	2.14	1.67	11	T			12	8	2
CARBONDALE SEWAGE PL	41.7M	4.8	70	11	16	15		21	5.92	2.90	2.92	11	T			10	6	1
CARLYLE	38.8	5.0	70	11	8	15		21	3.95	1.49	1.49	21	0.5	T	9	11	5	1
EF QUOIN	41.2	5.4	69	11	14	15		17	3.65	.65	1.35	26				7	3	2
EAST ST LOUIS	40.9	5.1	73	11	16	15		17	3.86	1.64	1.53	21	0.4	T	9+	10	5	1
ELIZABETHTOWN	42.2		70	21	14	15		18	5.61	1.88	1.67	11	T	T	9+	12	6	1
FAIRFIELD	40.7M	5.5	67	20+	13	15		21										
FLORA	40.4	6.5	68	20	12	15		19	4.73	1.91	.90	10	T			7	6	
GOLCONDA DAM 51	41.3	5.1	68	21	16	15		21	6.13	2.35	2.26	12	1.0			10	6	1
GREENVILLE	38.9	5.7	68	11	9	15		19	4.07	1.70	1.35	21	2.0	1	9	11	6	1
HARRISBURG	41.8	4.4	72	21	15	15+		19	5.14	1.84	1.62	11	T			11	6	1
MC LEANSBORO	41.6	5.8	69	21	14	15		19	4.78	1.38	1.23	11+	T			7	6	2
MT CARMEL	41.2	6.0	68	20+	14	15		20	6.95	3.37	3.57	12				9	6	1
MT VERNON	39.2	4.5	67	11+	9	15		22	4.20	1.21	1.09	11				9	6	1
NEW BURNSIDE	41.5	5.5	70	21	13	15		20	5.47	1.86	1.68	11	0.4	T	9+	12	6	2
OLNEY RADIO STA	39.0	4.8	67	20	12	14+		22	5.05	2.13	.90	10				9	4	
SPARTA	41.2	5.5	69	11	13	15		18	3.96	1.31	1.00	22	T			9	6	1
DIVISION	40.6	5.2							4.98	2.07			0.3					
[illegible]	35.7	4.5							4.72	2.57			1.6					

See reference notes following Station Index

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature						No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max. depth on ground	Snow, Sleet, Hail Date	.01 or more	.25 or more	1.00 or more
DELAYED DATA																		
JUNE 1949																		
NORTHERN DIVISION																		
FULTON DAM 13	74.6	5.9	92	30	44	8	2		3.45	- .80	.98	24				9	5	
CENTRAL DIVISION																		
JERSEYVILLE	83.0				55	8												
JULY 1949																		
SOUTHERN DIVISION																		
FAIRFIELD	80.3	1.3	95	1	66	17+			1.66	-1.42	.70	26				5	3	
CENTRAL DIVISION																		
NEWTON	81.3	5.3	98	2	59	31+	23		4.11	.85	1.03	22				8	5	
AUGUST 1949																		
SOUTHERN DIVISION																		
CARLYLE	74.8	-1.4	95	10	51	21	9		3.29	- .26	.79	14				8	5	
OLNEY	76.2	-0.1	97	10	54	1	11		3.44	- .24	1.71	31				6	5	
CENTRAL DIVISION																		
PARIS	75.2	0.6																
SEPTEMBER 1949																		
CENTRAL DIVISION																		
DECATUR	61.9	0.8	88	3	33	30			2.27	-1.71	1.70	12				8	1	
NOVEMBER 1949																		
NORTHERN DIVISION																		
MINONK									.52	-1.65	.26	24	T	T	23	3	1	

- CORRECTIONS -

MONTH: June, 1949

Table 3
Camp Ellis, delete no record on the 28th; add .05; monthly total 3.51.
Cisne, delete .02 on the 5th; add .02 on the 4th.
McHenry, total on the 14th should be 2.20 instead of 2.18.

Table 4
Camp Ellis, delete no record on the 28th; add .05 at 2 AM; total .05.
Lockport Power House, delete .30 at 6 AM on the 25th; add * at 6 AM; .30 at 7 AM.
Chicago Loyola University, on the 14th; add * at 6 AM, 7 AM, 8 AM, 9 AM, 10 AM and 11 AM.
Cisne, on the 5th; delete .01 at 1 AM, .01 at 2 AM and total. On the 4th; add .02 at 5 PM; total .02.
Evanston Pumping Station, on the 13th; add * at Noon, 2 PM, 3 PM and 4 PM.
McHenry, on the 14th; the daily total should be 2.20 instead of 2.18.
Stickney West Side Treat., on the 14th; delete .96 at 5 AM, add * at 1 AM through 10 AM, .96 at 11 AM.
Vandalia, on the 14th; delete .02 at 11 PM, .02 at Midnight. Add .05 at 11 PM, .05 at Midnight.

MONTH: July, 1949

Table 2
Windsor, total precipitation should be 3.51. Division total precipitation should be 4.73; departure should be +1.43. State total precipitation should be 4.40; departure should be +1.16.

Table 4
Chicago Lakeview Pump Sta., on the 5th, delete .95 at 7 PM; add * from 1 PM through 11 PM; .95 at Midnight. On the 7th, delete .95 at 7 AM and .05 at 7 PM; add * from 1 AM through 11 AM; .95 at Noon; * from 1 PM through 11 PM; .05 at Midnight. On the 9th, delete .12 at 7 AM; add * from 1 AM through 9 AM; .12 at Noon.
Chicago Springfield Pump Sta., on the 7th; delete .04 at 7 PM, add * from 2 PM through 11 PM, .04 at Midnight.
Chicago Roseland Pump Sta., on the 26th; delete .27 at 6 PM, add * from 1 PM through 11 PM; .27 at Midnight.
Lockport Power House, on the 26th; delete .58 at 1 PM, add * at Noon, * at 1 PM, .58 at 2 PM.
Kankakee Sewage Plant, amounts shown on the 31st should be on the 30th.

MONTH: August, 1949

Table 3
Piper City, delete no record period from the 7th to 6 PM the 15th; add .65 on 11th. Delete no record period on the 19th.

Table 4
Piper City, delete no record period from the 7th to 6 PM the 15th; add on the 11th .10 at Noon, .12 at 1 PM, .43 at 2 PM; total .65. On the 15th, .29 at 5 AM, .12 at 6 AM, delete no record period on the 19th.

MONTH: October, 1949

Table 5
Chicago University, on the 8th minimum temperature should be 65. Mean minimum should be 51.1.

General Summary
Change the ending of the third paragraph to read as follows:

> Precipitation amounts ranging from light to moderate in the extreme north to moderate to heavy in the central and south portions.

MONTH: November, 1949

Table 3
Lawn Ridge, Olney, Prairie Du Rocher, Vandalia, daily totals should be dash instead of .00

See reference notes following Station Index.

DAILY PRECIPITATION

ILLINOIS
DECEMBER 1949

Day of month

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
[illegible]					16					.04	.34	.99	.87	.03				.04	.48			.08	.90				.71						4.64
[illegible]		T								T	.06	.47							.03	T	.77	1.07	T	T		T	.09	T				.58	3.07
[illegible]					17						.14	.42	.40						.45		.02	.38	1.45	T			.67	.04				.04	4.18
[illegible]					16		.03			.07	.34	2.01	.50	.02				.12	.69	T	.05	.03	.99	T			1.08	.03				T	6.12
ANSONIA				T							.03	.60						.40	.04		.51	.41	.49	T			.74					.49	3.71
[illegible]							T	.10			T	.84							.35		.45	.98	.10		T	T	.52	T				.39	4.03
[illegible]	R										.18	.25						.22			.56	1.90				.38	.12					-	-
[illegible]				.02				T		T	T	.92	.03						.52		.31	1.98	.22	.02	.71	.04	1.02					.34	6.30
[illegible]		T		.05						T	.03	.56						.04	.31		.49	2.41	.02	T		.14	.45					.25	4.79
[illegible]					.13						.08	.32	.44						.48	T	T	2.53	1.47	T			.64	.01				.06	6.16
BELLEVILLE SCOTT AF				.20			T			.10	.67	.29						.74	T		.12	2.63	.01	T		.04	.44				T	5.29
[illegible]	R										.07	.58						•	.50		.85	.53	.12	.02		.06	.04				•	•
[illegible]								T		T	.07	.33							.20		.09	.50	1.50				.31	T				.33	3.33
BENTON					.12					.04	.15	1.40	1.22					.05	.51		.03		.72	T			.80						5.04
[illegible]					.10			T			.10	.42	.64						.53	T	.01	1.70	2.39	.01			.60	.08				T	6.58
[illegible]				.08							.17	.55	.42						.53	T	.05	3.40	.67			.01	.62	.08				.09	6.67
BLUFFS				.20								.17						.14	.16		.12	3.05	.15			.26	.47						4.72
BRADFORD CAA		I		T			T	T		.02	.08	.53						.28	.10	T	.90	.71	.04	T		.33	.10	T				.37	3.46
BROOKPORT DAM 52					.23			17			.04	.82	.81	.39					.85		T	T	.58				.51	.51					4.91
[illegible]	R	I		T	.15		.25			.01	.39	1.67	.12					.77	.28		T	.49	.29				1.11	.01				T	5.54
[illegible]							T				.03	.78							.45	T	.50	1.60	.05			.65	.10					.25	4.41
[illegible]				.11					T	.30	.47	2.92	.02					.52			T	.61	T			.86	.03					.08	5.92
[illegible]				.20	.06					.02	.10	.64	T					.10	.34		T	1.74	.29			T	.65					.06	4.20
[illegible]		I		.02	.02		.08			.05	.49	.34						.25	.35	T	T	1.49	T				.65					.01	3.95
[illegible]					.15					.07	.31	1.55	.52					.12	.40			.03			.87		.71	.05					4.78
CARPENTER 1 SW	R			.20							.37	.87						.72			.06	1.68				.19	.43						4.52
CASEY				.16							.49	.76						.58				.89	.76				.80						4.44
[illegible]					.40					.04	1.15	.30	.15						.50			.80	.83				.50					T	4.67
CHANDLERVILLE				.15						.10	.02	.65							.50		.48	3.72	.04			.23	.48					.18	6.55
[illegible]			.06		.04			T		T	.03	.53	.59						.40		T	1.22	1.74	.06	.08		1.00	.22					6.04
[illegible]				.20			.22			T	.25	.55	.63						.51		.10	.45	.41				.58					T	3.90
[illegible]		T		.10			T	T		.08	.15	.82						.36	.11	T	.94	2.69	.02			.07	.54	.06				.16	6.10
CHESTER											-	-					-	-	-		-	-		-		-	-						-
[illegible]	P			.09							.05	.70						.15	.21		1.11	2.84	-	-		.01	.50	.05				.20	-
CHICAGO HEIGHTS			.12	.31			.09	.02			.11	2.01							-		-	-	-	-	-	-	-	2.71				.61	-
[illegible]	R	.22		.12								1.29						.04	.23		.78	1.42	.04		.04	.55	.57					.10	5.40
CHICAGO LOYOLA UNIV	R			.05				-			.05	.92						.09	.23		.86	1.44	-	-		.54	.52		.01			.05	-
CHICAGO MAYFAIR PUMP	R	.40		.19				-				1.43						.11	.32		1.11	2.12	.08			.54	.60					.21	7.11
[illegible]	R			.07				-			.02	-						.09	.20		.73	1.38	-	-		.58	.49	.04				.24	-
CHICAGO ROSELAND PUMP	R	.32		.08							.04	1.22						.11	.19		.74	2.65	.03	.03			.50	.02				.10	6.03
CHICAGO SAN DIST DISP	R	-		.10				-			.04	1.50						.17	.20		.84	1.54	-	-		.31	.60	.06				.22	-
CHICAGO SAN DIST OFF	R	-		-				-			.05	1.55						.14	.19		.68	1.82	-	-		.34	.64	.05				.19	-
CHICAGO S FILTER PL	R	.15		.08				-			.05	1.50						.13	.22		1.02	2.37					.44	.05				.17	5.68
CHICAGO SPRINGFLD PUMP	R	.21		.12								1.58						.10	.22		.91	1.62	.04			.53	.57					.25	6.35
CHICAGO UNIVERSITY	R	1		.14			T	T		T	.09	1.09						.14	.19		.85	2.07	.12	.01		.13	.44	.03				.17	5.62
CHICAGO WB AIRPORT	R	.20		.10	T		T	.02	T	T	.05	1.73						.18	.23	T	1.00	1.81	.09	.03	T	.35	.63	.03				.22	6.67
CHICAGO WB CITY	R	.21		.1				.02	T	T	.06	1.48						.14	.22	T	.71	1.74	.12	.02	T	.36	.62	.05				.19	6.09
CHILLICOTHE				.02			T				.01	1.13							.37	T	.08	2.55	.05			.04	.67					.24	5.16
CICERO		.22		.09	.01		.01	.01			.01	1.08							.35		.31	2.04	.18	T	.03	.02	.97	T				.17	5.50
CISNE BROWN CAMP	R			.24	.01					.14	.49	.91						e	.50		.04	1.07	.22				.73	.10					4.45
CLINTON 1 S				.15							T	1.00							.44		.20	2.48	.90				.30					T	5.47
COLLINSVILLE	R			.20						.07	.35	.16						.68	.02		.03	1.69				.13	.33						3.66
COULTERVILLE	R			.32	.04					•	.46	.48						.58	.02			1.66					.62					.02	4.20
CRETE	R	.11		.25							.09	1.09						.07	.37		.90	2.56	.05			.40	.04					.08	6.01
DANVILLE					.06		.03				.15	.61	.32						.64	.01	.22	1.47	.79				.45	.01				T	4.76
DANVILLE HOSPITAL	R			.09	.01		.03			.08	.31	.67						.52	.08		.30	1.78	.20				.40	.02					4.49
DANVILLE SEWAGE PLANT					.12			.02			.10	.63	.53						.55	T		.78	1.50	T			.37	.11					4.71
DECATUR				.18			T	T		.13	.04	1.00						.12	.41	.01	.23	2.19	.72				.58	.05				.02	5.68
DES PLAINES 1 NW		.40	I	T	.01			.03	T	T	.02	.93	.07						.32	T	.40	1.62	.20	T	.04	T	.73	.03				.27	5.07
DIONA	R			.12	.01		.10			.07	.64	.39						.47	.05		.05	1.48	.12				.68	.02				.04	4.24
DIXON		.08					T	T		T	.04	.53							.51	T	1.04	1.12	.44	T	T	T	.14					.37	4.27
DOUGLAS	R									.09	.11	.40						.32	.05		•	2.43				•	.58					.31	4.29
DOWNS 2 NE	R			.13						.08	.47	.47						.50	.10		.68	2.82	.03			.04	.34	.05				.06	5.77
DU QUOIN		T			.17					.10	.20	1.05							.73			T					1.35	.05					3.65
DWIGHT		T	T		.15		T				.02	.60	.35						.36	T	.03	3.43	.51			.05	.77	.02				.12	6.41
DWIGHT STATE REFORM	R			.17			.04				.21	1.18						.35	.06		1.13	2.43	.03			.31	.59	.03				.24	6.77
EAST ST LOUIS				.34			T			.13	.28	.21						.68			.12	1.53	.04			.23	.30						2.86
EDWARDSVILLE				.11	.03					.06	.17	.70	T					.07	.69	.66	.58	.71	.31	T	T	.46	.13					.05	4.73
EFFINGHAM CAA	Z			.07	T		.08			.10	.68	.36						.64	.01	T	T	1.26	.10	T			.59	T				.03	3.92
ELGIN		.35					T				T	.83	T						.33		.21	1.36	.20	.05		T	.67	T				.38	4.38
ELIZABETHTOWN					.17		.10			.08	.26	1.67	.75	.07				.06	.88				.70	T			.81	.06					5.61
ELSAH				.27						T	.14	.75						.08	.37	T		1.49	T		T	.01	.58					.17	3.86
EVANSTON PUMP STA	R	-			.06			-			.03	.79						.05	.24		.96	1.34	-	-		.50	.38	.04				.24	-
FAIRBURY WATER WORKES	R//	.06		.10						.10	.20	.71						.37	.06		.99	3.14	.03			.01	.39	.02				.11	6.29
FAIRFIELD					.20					.02	.24	.95	1.02					.03	.41						-	-	-						-
FARMER CITY	R			.22			.08			.12	.36	.67						.56	.06		.48	2.98				.02	.30					.03	5.88
FLORA		T		T	.20		T			T	.90	.70							.65			.72	.84				.72					T	4.73
FREEPORT		.29					T	T		.03	.05	1.22							T		.01	.45	.14	T	.02	.01	.06					.31	2.59
FREEPORT SEWAGE PLANT	R		.18					T			.07	.34	.65						T			.10	.43	.02	.02		.09					.02	1.92
FULTON DAM 13	Z		.07					T		.10	.32	.47							.04		T	.32	.65	.03	T	T	.17		T			.18	2.35
GALATIA	R				.10					.30	.50	2.01						.48	.09			.38	.27				.80	.10				.23	5.26
GALENA		.21						.03			.01	.88						T	T	T	T	•	.60	T	T			T				.48	2.21
GALESBURG										T	.02	.77							.29	T		1.05	.29		T		.24					.27	2.93
GALVA										T	.02	.64							.35		.47	1.03	.09			.12	.21					.40	3.33
GENESEO		T								T	.03	.39							.29	T	.13	.98	.05			.03	.09					.39	2.38
GIBSON CITY		T		T	.10		.03		T		.10	.93						.60			.33	4.35	.03				.65					.03	7.15
GLADSTONE DAM 18			T								.01	.53	.02						.05		.02	1.14	.54	T		T	.10	.01				.06	2.48
GLENDALE EXP FARM	R				.15		.08			.05	.53	1.81	.08					.59	.30			.27	.38				1.07					.03	5.35
GOLCONDA DAM 51	Z				.15			.11			.12	.88	2.26	.13					.92	T			.66	T				.29	.61					6.13
GOLDEN										T		.50									.98	1.73	.55			.50	.05	.01				.28	4.60
GRAFTON					.33						T	.66	.15						.47			.81	1.01	T		T	.53	T		T		.11	4.07
GRAND TOWER 2 N							T			.04	.36	.42	1.64	T				.02	.92		T	.03	.69				.92	T					5.04
GREENFIELD	R			.27						.05	.35	.28						.38	.03		.38	1.83				.48	.18						4.23
GREENUP					.09		.14				•	1.14						•	.62			•	1.14			1.24	.16					•	•
GREENVILLE				T	.18		T			.10	.24	.31	.23					.31	.40			1.35	.50				.42	.03				T	4.07
GRUDLEY				.07	.02		T				.05	.74							.45		.06	3.47	.28			.07	.70	.09				.13	6.13
GRIGGSVILLE				.04						T	T	.35						.01	.20			1.60	T			.12	.76	T				.37	2.69
HARDIN				.31								.81							.37		.28	2.25				.65							4.67
HARRISBURG		T			.02		T			.10	.62	1.62	.43	.01				.15	.37		T	.03	.86				.93						5.14
HARRISBURG 4 E					T						.28	1.10	1.30	.15					.40				.71	T			.84	.05					4.83
HAVANA				.10				T		T	.05	.97						.40	.11	T	.60	2.80	.06			.08	T					.65	5.82
HAVANA NO 2					.09						.02	.33	.66						.50	T	.02	1.68	1.95	T			.58					.09	5.82
HENRY				.02						T	.03	.60						.02	.35	.02	.70	2.95	.10			.60	.76					.27	6.42
HILLSBORO					.12		T			.06	.17	1.44	.40					T	.38	T	T	1.03	.74				.52					.05	5.22
HOOPESTON	Z				.13		T				.13	.67	.02						.56		.15	2.03	.95				.30					T	4.94
HUBBON LK BLOOMINGTON	R									.10	.31							.50		.04	2.20	1.30				.75				.09			5.29
HUTSONVILLE	R/				.25					.13	.57	.65	.10					.15	.35			.65	71				.64	.22				.01	4.43
HUTSONVILLE POWER PLA					.25			.02			.32	.63	.39						.38		T	.38	.94				.64	.27					4.22
ILLINOIS CITY DAM 16	Z										.04	.16	.58						T			.88	.65	.03			.03					.19	2.57
JACKSONVILLE				.10						T		.32							.32		.12	2.10	T			.05	.32					.12	3.45
JACKSONVILLE SEWAGE PL	R			.11							.15	.17						.30	.05		.44	1.99				.22	.20					.10	3.73
JERSEYVILLE				.10						.10		.95							.41			1.48	.28				.60					.10	4.02
JOLIET BRANDON RD DAM				.04	.06			T	T		.01	.55	1.31						.43			1.36	1.69	.03	.01		1.06	.27				.29	7.11
JOLIET WB AIRPORT		.08		.06			T	T		.01	.15	1.15						.24	.17		1.00	1.82	.07	T		.65	.66	.04				.27	6.37
KANKAKEE				.07	.03		T				.02	.75	.08						.46		.21	2.91	.67				.29					.06	5.55

See reference notes following Station Index.

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KANKAKEE 4 W	T	T		.10		T	T			.02	.62	.23						.42	T	.03	2.79	1.00	T		T	.33	.04				.08	5.66
KANKAKEE SEWAGE PLANT R	-	-	-	-	-	-	-	-	-	-	.99						.27	.14		.59	3.12	.01				.22	.07				.04	-
KEITHSBURG											.27	T						T		T	.95	.65	T			.07					.10	2.04
KEWANEE			T						.12	.15	.44						T	.38	.04	.77	.93	.23				.24					.58	3.88
KEWANEE BAKER PARK R										.13	.67						.30	.10		1.10	.50				•	.33					.37	3.50
KICKAPOO											.46	.71						.34	T	.03	1.26	1.61	T		T	.72					.06	5.19
LA HARPE							T		T	.02	.64						T	.17	T	.18	1.42	.07			T	.25	.03				.47	3.25
LANARK R	.25								.06	.08	.84						.05	.02		.18	.44	.04			.04	.03					.42	2.45
LA SALLE	T	T	T	T		T	T	T		.03	.64							.37		.15	1.05	.17		T	.01	.34	.01				.29	3.06
LAWRENCEVILLE			.06							.11	2.07					T	T	.08				1.45			.51					T	4.28
LE ROY			.38						.03	.12	.91							.61		.37	3.11	.42			.31					.07	6.33
LINCOLN			.09						.10	.08	1.55						.04	.50	T	.25	2.81	.20			.03	.64	.05				.11	6.45
LINCOLN NO 2				.06						.08	.45	1.24						.53	T	.03	.95	2.00			T	.63					.05	6.02
LOCKPORT LOCK AND DAM R	.03		.05							.13	1.33						.22	.17		1.02	1.71				.50	.75					.25	6.16
LOCKPORT POWER HOUSE R	-		.09				-			.13	1.22						.26	.15		1.03	1.62	-	-		.57	.69	.02				.26	-
LOUISVILLE R			.18			.04			.25	.90	.43						.36	.11		.03	1.77	.15				.75	.05					5.02
MACKINAW			.12							.49	.64						.03	.53			3.84	.30			.50	.54					.18	7.17
MACOMB									.01	.01	.42						T	.31		.53	1.84	.02			.02	.52					.29	3.98
MARENGO	.52					T	T			.05	1.02							.52		.40	1.18	.22		.12	.02	.09					.68	4.82
MARIETTA R										.14	.27						.34	.06		•	2.52				.38	.21	.03				.26	4.27
MARION				.03					T	.32	1.20	1.02					.04	.43		T		.85	.06			.86						4.81
MARSEILLES LOCK				T					T	.01	.55	.72						.48			1.26	1.61				.96	.12					5.71
MASCOUTAH				.21		.02			1.01	.33	.21	T				•	•	•	•	•	2.11	.26	.22	.10	T	.42	.12				.03	5.04
MASON CITY R			.07						.10	.30	.59						.57	.06		1.27	2.47				.37	.25					.12	6.17
MATTOON			.08			.12			.08	.71	.63						.52	.05		.04	1.57	.13				.42					.08	4.43
MC HENRY R	.31			.05					.04	.05	.77						.08	.28		1.08	.53	.06	.05	.03	•	.33					.45	4.11
MC HENRY 2 S	.38	T				.03	.09			.05	.78							.42	T	.69	1.38	.25	T	.07	T	.38					.40	4.92
MC LEANSBORO				.13		T			T	.25	1.23	1.23	T				T	.53		T		.60				.81						4.78
MEDORA			.37			T			.15	.02	.76						.22	.22			1.65					.74					.10	4.28
MINONK				.11			T			T	1.10							.50	T	.02	3.49	.20		T	.70	.20						6.32
MOLINE WB AIRPORT Z	T						T		.06	.15	.28	T					.06	T	T	.96	.59	.03			.08	T	T				.70	2.91
MONMOUTH AIRPORT	T						T		T	.04	.50							.22	T	.19	1.10	T				.18	T				.36	2.59
MONTICELLO			.21							.10	.62							.97		.46	2.39	.65				.31					.23	5.94
MORRIS				.12						T	.54	.70						.40			.90	1.36	T	T	T	.98	.08					5.08
MORRIS 3 NE	T	T	T	T		T	T			T	.59	.40						.43	T	.22	2.27	.41		T	.01	1.16	T				.25	5.74
MORRISON	.06						T		T	.05	.04	T						.23	T	.65	.26	.35			.06	.13	T				.59	2.42
MORRISONVILLE R			.18						.05	.41	.49						•	.56		.17	2.55				.21	.37					.09	5.08
MORRISONVILLE 1E			T	.09						.15	.46	.09					T	.50	T		2.01	.66				.58					.08	4.62
MT CARMEL				.14						.70	.73	3.57	.08			•		.55				.68				.40	.10					6.95
MT CARMEL WATER WORKS R			.05	.12						.20	2.07						.50				.28	.47				.56	.04					4.29
MOUNT CARROLL	.26						.02		.04	.05	1.18								T	.08	.60	.17		T	T	1.01	T				.34	3.75
MOUNT OLIVE			.06			T			.03	.22	1.97						.14	.56	T		1.55	.41				.63					.04	5.61
MOUNT PULASKI			.12						.10	T	.30	.40					T	.55			2.30	.65			T	.42					.08	4.92
MOUNT STERLING									T	.03	.47						T	.40		.25	2.83				.30	.60					.18	5.09
MT VERNON				.28					.19	.18	1.09						.54				.65	.64					.54	.09					4.20
MURPHYSBORO WTR WKS R//			.15	.07					.23	.44	1.60						.52			.04	.51	.15				.74					.03	4.48
NASHVILLE				.37		T			.03	.90	.45							.56			.74	.98	T			.70						4.73
NEWARK 7 E	.08		.15				T			.04	1.30							.55		.35	2.25	.15		T	.40	.55					.21	6.03
NEW BOSTON DAM 17								T		.03	.21	.50						T		T	.68	.66	T			.05					.21	2.34
NEW BOSTON 2 NW							T		T	.19	.33						T		T	.58	.74	T			.04						.55	2.43
NEW BURNSIDE	T			.09		.08			.13	.52	1.68	.56	.04				.10	.52	T	T	.01	.74				1.00	T				T	5.47
NEWTON Z				.26		.04			.02	.82	.61	.19						.52		-	-	-				-						-
OLNEY RADIO STA				.30						.90	.45	.75						.54	T	T	.50	.85			.68		.08					5.05
OREGON R	-								•	•	.80						.27	.16		1.10	•	.51			.15						-	-
OREGON WATER WKS	.21					T			T	.60	T						.41			1.03	.48	.03	T		.13				.09		.23	3.21
OTTAWA	T		.03			T	T		.01	.01	.83							.45		.47	2.21	.14	T	T	.12	.75	.02				.37	5.41
PALESTINE			.05	.10		.02			.20	.83	1.19	.70					.20	.28		T	.91	.76				.77	.14				T	6.15
PANA			.10	T		.01			.02	.23	1.00						.11	.40			1.50	.69				.35					.03	4.44
PARIS SEWAGE PLANT R			.15	.03		.12			.09	•	.59						.30	.12		•	•	1.90				.64					.10	4.04
PARIS WATER WORKS				.10		.10			.05	.10	.70	.40						.60			1.00	.80				.09					.50	4.44
PAW PAW	.05		T			T	T				1.16							.35		.57	1.06	.10	T		.15	.50	T				.14	4.08
PAYSON										.66	.41	T										3.11	.01			.46	T				.26	4.91
PEORIA LOCK AND DAM R//			.16						.07	.23	1.72						.44	.11		1.35	2.17				.65	.26					.26	7.42
PEORIA WB AIRPORT R			.09			T	T		.05	.17	1.01						.42	.03	T	1.59	1.95	.02			.53	.22	T				.24	6.34
PEOTONE	T	T		.26			T			T	.54	.44					T	.42		T	20.5	1.55	T		T	.63					.17	6.06
PERU				.02						.07	.48	.23						.37			1.46	1.18	.03	.01		1.68	.07					5.56
PETERSBURG			T						T	T	.40						T	.50	T	.17	2.34	T			.13	.45					.06	4.05
PITTSFIELD WATER WORKS R			.07						.03	.20	.12						.30	.02		.58	2.25				.55	.11					.20	4.43
PLEASANT HILL 2 E			.05						T		.22						T	.22		.05	2.55	T			.23	.50					.21	4.03
PONTIAC	T	T	.06	T		T	T			.03	.67							.39		.07	3.05	.37	.01		.03	.66	.07				.17	5.58
PRAIRIE DU ROCHER R			.28						.05	.35	.15						.92	.03		.04	2.55				.02	.79					.05	5.23
PRINCETON 1 S R//									.01	.20	.74						.27	.10		1.07	.73				•	.54					.38	4.04
PRINCEVILLE 2 NW	T		.01		T				T	.10	.40						T	.38	.02	.35	2.20				.60						.24	4.30
PROPHETSTOWN R									.04	.08	.25						.22	.03		1.00	.36	.15			.08	.02					.58	2.81
QUINCY			.01						T		.59						.01	.19			.33 2.58	T			.11	.36					.37	4.55
QUINCY CAA			.04						T	.15	.20						.24	T	T	.45	2.05	.03			.45	.09	T				.43	4.13
QUINCY DAM 21 Z				T						T	.23	.16						.22		T	.48	2.25	T		T	.48					.08	3.90
QUINCY MEMORIAL BRIDGE				T						T	.22	.27						.21	T	T	.56	2.32	T			.41	T				.06	4.05
RANTOUL CHANUTE AF Z			.16			T	T	T	.02	.48	.77						.75	T		.51	2.80	.12				.31	T				.05	5.97
RED BUD			.34						.40	.40	.09						.65	.01		.75	1.37	.01			.44						.01	4.47
RICHVIEW R			.32	.02		.03			.14	.67	.53						.50	.05			1.41	.09				.64						4.40
ROBERTS 3 N			.02							.10		.35						.45		.16	3.07	.80	T			.25					.08	5.48
ROCHELLE	.20									T	•	.86						.53		.36	1.09	.06			•	.14					•	•
ROCKFORD	.31					T	T			.09								.32		.33		.24		.03		.05					.49	1.86
ROCKFORD CAA	.65					T	T		.06	.02	.43	T					.20	.23	T	.39	.55	.12	.03	T	.10	.01					.54	3.33
ROCK ISLAND DAM 15	T	T					T	T	T	.04	.27	.19	T					.05		T	.88	.63	.04	T	T	.08	T				.08	2.27
ROCKPORT											.37	T						.32		.11	2.04				.05	.76				.37		4.02
RUSHVILLE										.05	.56				T	.46				.63	3.10		T		.65					19		5.64
STE MARIE				.24			.02			.46	.68	.46						.56	.02		.87	1.08	.02			.65	.28					5.35
SALEM				.26		.03			.05	.56	.72						.56				1.25					.37						3.80
SHAWNEETOWN NEW TOWN				.03			.03		T	.73	.95	.98	.10					.52	.02		T	.65	T			.55	.23					4.79
SIDELL				.16			.12			.13	.73	.48						.60		T	.60	1.58				.42						4.82
SKOKIE N S TREAT WKS R	.17		.04				.03			.03	.86						.08	.22		.90	1.34	.04	.04		.50	.51	.02				.23	5.01
SPARTA	T			.33		T			.03	.24	.68	T					.12	.35	T		.64	1.00	T			.57					T	3.96
SPRINGFIELD WB AIRPORT Z			.13			T	T		.03	.16	.48						.41	.01	T	.36	2.40	.01	T		.39	.24	.01				.11	4.74
SPRINGFIELD WB CITY Z			.18			T	T		.06	.21	.64						.53	.02	T	.51	2.15	T			.40	.22	T				.11	5.03
STICKNEY W SIDE TREAT R	-		-				-			.07	1.30						.16	.21		.84	1.65	-	-		.48	.61	.04				.22	-
STOCKTON	.48						T		T	.20	.65							.03	T	.02	.28	.16		T							.30	2.12
STREATOR			.04				T		T	.14	.86						.05	.87			1.12	.02			1.34	1.63	.56				.62	7.25
SULLIVAN WATER WORKS R//			.10						•	•	1.04						.45	.08			.15 2.02	.03				.30					.04	4.21
SYCAMORE	.25					T	T			T	.89							.53		.45	.99	.18	.03	T	.16	.39					.37	4.24
TABLE GROVE	T		.08				T		.03	.03	.76						.15	.39	.01	.79	2.12	.02	T		.23	.39					.25	5.25
TAYLORVILLE				.16					.08	.26	.56							.57			1.83	.78				.63					.06	4.93
TISKILWA									T		.65							.45	T	1.00	.85	T				.45					.20	3.60
TOULON	T			T					.01	.05	.86							.44	.01	.33	1.52	.11			.01	.46					.36	4.16
TUSCOLA				.05					.10	.66	.52						.62			.42	.93	1.08				.37					.01	4.76
URBANA	T			.10	T	T	T	T	.10	.09	.78	T					T	.60		.33	1.97	.75				.25	.02				.01	5.00
URBANA EXP FARM R			.15			.02			.01	.36	.21	.16						.54		.02		.63 2.21	.09			.25	T				.04	4.68
UTICA STARVED ROCK DAM		T								.03	.42	.41								.42	T	1.30	1.25	.01	T	.86	.07					4.77
VANDALIA Z				.10						.20	.61	.66						.63			.85	.95				.45					T	4.45
VIRDEN			.28						.01	T	.88						.05	.47	T	.22	2.14	T				.62					.08	4.75
WALNUT	T			T					.06	T	.86							.40		.48	1.14	.17			T	.32					.46	3.89
WARSAW											.77								T	.90	.71	T			.60	.18					.43	3.59
WASHINGTON R			.14						.04	.21	1.70						.44	.11		•	4.06	.04			.67	.31					.16	7.88

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station	Day of month																											Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WATERLOO				.22		.01			T	.38	.35						T	.53			1.94	.71				.51					.02	4.67
WATERMAN R	.05									.23	.73						.33	.17		*	*	1.81			•	.68	.02				.35	4.37
WATSEKA				.18		.03				.05	.41	.32					T	.50		.20	2.62	1.04				.26	.01				.02	5.64
WAUKEGAN	.28		T			.01	.05			.02	.61							.37	T	.57	1.30	.26		.05	.11	.62					.46	4.71
WAYNE CITY				.30			.05			.30	.55	.95	.03					.51	.01		.74	.70	T			.64	.21					4.99
WENONA R			.05							.20	1.03						.40	.05		.95	2.09	.04			.53	.29					.25	5.88
WHITE HALL 1 S			.19						T	.05	.56						T	.35	T	.44	1.95	.31			T	.28	T				.12	4.25
WILCOX				.30						.50	.93	.60						.48			.55	.70				.70	.10					4.86
WINDSOR				.14		T			T	.30	.74	.38						.45			.41	1.11	T		•	.35					.05	3.93

DELAYED DATA

JUNE 1949

ANNAWAN		.13											.58	2.00	.13					.05			.23	.30	1.84						5.26
AUGUSTA HIGH SCHOOL	.30								-				-	-							-	-	.20	.82	-	-		-			-	-
CHICAGO LAKEVIEW PUMP			.12										.41	3.90	.16										1.18							5.77
CHICAGO MAYFAIR PUMP			.10										.30	4.50	.14										1.26		.02					6.32
CHICAGO ROSELAND PUMP			1.09										.26	2.35	.40										.16	.06	.01					4.33
CHICAGO S FILTER PL			.51										.67	1.40	.22										.20	.02	.02					3.04
CHICAGO SPRINGFIELD PUMP			.28										.54	4.38	.12										.94		.01					6.27
FULTON DAM 13		.37	.04											.32	.79						.05		.02	.98	.77		T	.11				3.45
JERSEYVILLE	.78	.42	T							.62	.12		.56	.42									T	.10	-	-	-	-	-	-		-
PAW PAW	T		.16								.05		.69	1.95	.39					.04			.08	.11	1.27			.44	T			5.18

JULY 1949

ALEXIS WATER WORKS	-	-	-	-	-	-	.92	.04										.10		-	.48					.22					-
ANNAWAN						.13	.43	.08										.12			2.03					T					2.79
CHICAGO LAKEVIEW PUMP					.95	.01	1.00	.48					.04	.94							1.64					.24					5.30
CHICAGO MAYFAIR PUMP					.76	.11	.66	.05	.24	.01	.01		.51	.92							2.49			.06	.01	.17					6.00
CHICAGO ROSELAND PUMP					.51	.41	.02	.04	2.25											.06	1.32					.09	.03				5.00
CHICAGO S FILTER PL					.99	.31		.02	1.59											.01	.77					.15					3.89
CHICAGO SPRINGFIELD PUMP					.91	.02	.63	.12	.45	.02			.01	.06							1.80					.14					4.16
COULTERVILLE					.10	.80			.97	.20		.20	.10		.02			.64		2.61		.26				.12			.60	.49	6.91
FAIRFIELD									.05								.38		.05	.48						.70						1.66
LEROY	.02				.15				.41												.04	1.90	.32			.19			3.33			6.36
NEWTON						.42	.14	.94	.23								.09		.52			1.03	.74								4.11

AUGUST 1949

ALEXIS WATER WORKS									-	-	°.01							1.06								.65		-	-	-	-
ANNAWAN	.12								.49	3.51	.08				.12														.24	.02	4.58
CARLYLE		.71	.47			T				.12	.44			.79	.12	T			.55								.09		T	3.29
CHICAGO S FILTER PL	.45						.02			.15			.02													.12	.02		.61	.28	1.87
CHICAGO LAKEVIEW PUMP	.13									.38							.02									.40	.01		.15	.29	1.38
CHICAGO MAYFAIR PUMP	.08									.53							.04									2.23	.03		.08	.46	3.45
CHICAGO ROSELAND PUMP	.52									.36			.02													.30	.02		.07	.35	1.64
CHICAGO SPRINGFIELD PUMP	.25									.56							.46									.46	.01		.08	.54	2.36
COLLINSVILLE		2.39				.02				1.28				.02		.08			.02							.05					3.86
COULTERVILLE		.10	.47						.83	.28		.15		.74					.10							.15	.70				3.62
MORRISONVILLE	.03	.70								.09				-	-	-	-	-	-							.22					-
OLNEY			.05							.30	T			.75	T				.30	T						.33				1.71	3.44
PARIS WATER WORKS		.25	T							.18				.45	1.43		.02		.11									-			-

SEPTEMBER 1949

CHICAGO LAKEVIEW PUMP				.99		.04	.04					.14					.41	.89			.01						.04	.10				2.66
CHICAGO MAYFAIR PUMP				1.01	.01	.03	.05	.01				.17					.19	.68			.06	.01						.21				2.43
CHICAGO ROSELAND PUMP				.46	.01	.02	.04					.18	.01				.01	.05			.02						.17	.04				1.01
CHICAGO S FILTER PL				.34		.03	.13					.10					.01	.07			.02						.02					0.72
CHICAGO SPRINGFIELD PUMP				.82		.02	.04					.11					.29	.97			.02							.21				2.48
DECATUR							.04				.01	1.70	.15	.03	.05	T	T	.23			.06											2.27
LAWRENCEVILLE				1.57	.11			.72		-	-	-	-	-	-	-		.68				T				.02						-
PEORIA LOCK AND DAM				.44							.25	.59	.02					.30			.12											1.72
ROCKPORT							.25				.36	1.04	.70	T				.26			T											2.61

OCTOBER 1949

CARPENTER 1 SW		.27	.20	.09	2.10	.16				.20	1.80			.03					.44	.46	.58										6.33
GALATIA		.19	.61	1.05	2.48	.02		.02			*	1.90							.18	1.39	1.02	.06							-			-
KICKAPOO			.41			1.41	.04		.07	T	.10										.50	.13										2.66
ROCKPORT					.73	.85				.12	T				T				.06	1.04	1.05											3.85
WAYNE CITY			.70			3.28	.01		.01			1.60								.18	.53	1.22										7.53

NOVEMBER 1949

CHICAGO LAKEVIEW PUMP												.20	.21			.11	.09	.07						.33							1.01
CHICAGO MAYFAIR PUMP				.05								.54	.39			.19	.20	.04						.38							1.79
CHICAGO ROSELAND PUMP				.02	.06							.02	.17			.01	.01			.01				.24							0.54
CHICAGO S FILTER PL				.02	.08							.37	.14			.09	.05							.48							1.23
CHICAGO SPRINGFIELD PUMP					.02							.21	.22			.34	.43	.20						.35							1.77
COULTERVILLE												-								.06	.01										-
MINONK												T	.24	.02		T	T				T			.26	T						0.52

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
BELVIDERE SEWAGE PLANT										.02	.03	.06	.06	.06	.02										.25
CHICAGO CAL TREAT WKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP												.03	.04		.04	.02	.03	.02	.01	.01		.02			.22
CHICAGO LOYOLA UNIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST												.02	.11	.08	.07	.01	.04	.01	.01	.01	.01	.01	.01	.01	.40
CHICAGO N BRA PUMP STA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP														.10	.15	.04	.02	.01							.32
CHICAGO SAN DIST DISPAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL														.04	.05	.03	.01	.01	.01						.15
CHICAGO SPRINGFLD PUMP													.10	.08	.10	.02	.02	.02	.01	.01	.02	.01	.01	.01	.41
CHICAGO UNIVERSITY														.07	.06	.02									.15
CHICAGO WB AIRPORT														.10	.06	.03	.01								.20
CHICAGO WB CITY													.04	.04	.05	.05	.03								.21
CRETE															.04	.03	.03	.01							.11
EVANSTON PUMP STA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS //											.01	.05													.06
FREEPORT SEWAGE PLANT										.04	.03	.06	.01	.02											.16
FULTON DAM 13												.02	.01												.03
JOLIET WB AIRPORT 6													*	*	*	*	*	.07	*	*	*	*	*	.01	
KANKAKEE SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANARK										.02	.08	.07	.03	.03	.01	.01									.25
LOCKPORT LOCK AND DAM																.02	.01								.03
LOCKPORT POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC HENRY								.01	.01	.03	.02	.05	.08	.06	.01	.02	.02								.31
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKFORD CAA 6				*	*	*	*	*	*	*	*	.60	*	*	*	*	*	.05							
SKOKIE N S TREAT WKS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.17	.17
STICKNEY W SIDE TREAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATERMAN //													.03	.01	.01										.05
—3d—																									
BELLEVILLE SCOTT AF BSE //																			.04	.05	.12	.04			.25
CARPENTER 1 SW																		.04	.02	.09	.05				.20
CHICAGO CAL TREAT WKS																		.03	.06						.09
CHICAGO LAKEVIEW PUMP													*	*	*	*	*	*	*	*	*	*	*	.12	.12
CHICAGO LOYOLA UNIV																		.02	.03						.05
CHICAGO MAYFAIR PUMP ST																		.10	.09						.19
CHICAGO N BRA PUMP STA																		.04	.03						.07
CHICAGO ROSELAND PUMP																			.08						.08
CHICAGO SAN DIST DISPAT																		.03	.07						.10
CHICAGO SAN DIST OFF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL																		.01	.07						.08
CHICAGO SPRINGFLD PUMP																		.07	.05						.12
CHICAGO UNIVERSITY																		.05	.09						.14
CHICAGO WB AIRPORT																		.05	.05						.10
CHICAGO WB CITY																		.05	.09	.01					.15
CISNE BROWN CAMP																					.04	.03	.07	.10	.24
COLLINSVILLE													*	*	*	*	*	*	*	*	*	*	*	.20	.20
COULTERVILLE																				.10		.13	.07	.02	.32
CRETE																		.04	.16	.05					.25
DANVILLE HOSPITAL																				.04	.04			.01	.09
DIONA															.01	.01					.03	.03	.02	.02	.12
DOWNS 2 NE																		.13							.13
DWIGHT STATE REFORM																	.02	.10	.05						.17
EFFINGHAM CAA //																		.03	.02	.03					.08
FAIRBURY WATER WORKS //																		.09	.01						.10
FARMER CITY																		.12	.10						.22
GREENFIELD																.03	.12	.12							.27
HOOPESTON																			.03	.09					.12
JACKSONVILLE SEWAGE PL																.01	.08	.02							.11
JOLIET WB AIRPORT 6													*	*	*	*	*	.06							
LOCKPORT LOCK AND DAM																		.05							.05
LOCKPORT POWER HOUSE																		.08	.01						.09
LOUISVILLE																					.03	.05	.02	.08	.18
MASON CITY																		.07							.07
MORRISONVILLE																		.10	.08						.18
MT CARMEL WATER WORKS																							.03	.02	.05
MURPHYSBORO WATER WORKS //																						.02		.13	.15
NEWTON																					.08	.02	.09	.01	.20
PARIS SEWAGE PLANT								.03													.07	.01	.02	.02	.15
PEORIA LOCK AND DAM //											.02	.01				.01	.10	.02							.16
PEORIA WB AIRPORT																.01	.08								.09
PITTSFIELD WATER WORKS																.07									.07
PRAIRIE DU ROCHER W WKS																		.01	.09	.02	.05	.08	.02	.01	.28
QUINCY CAA 6													*	*	*	*	*	.04							
RANTOUL CHANUTE AF BASE //													-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW																		.02	.09	.20			.01		.32
SKOKIE N S TREAT WKS																		.01	.03						.04
SPRINGFIELD WB AIRPORT //																	.08	.05							.13
SPRINGFIELD WB CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STICKNEY W SIDE TREAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS //																		.05	.05						.10
URBANA EXP FARM																	*	*	*	.15					.15
VANDALIA																			.02	.01	.02	.05			.10
WASHINGTON																.01	.09	.03	.01						.14
WENONA																	.05								.05
—4th—																									
CAIRO WB CITY	.03	.05	.07																						.15
CISNE BROWN CAMP	.01																								.01
COULTERVILLE	.01		.01		.02																				.04
DANVILLE HOSPITAL	.01																								.01
DIONA	.01																								.01
EVANSTON PUMP STA																	*	*	*	.06					.06
GALATIA		.08	.02																						.10
GLENDALE EXP FARM		.04	.07	.04																					.15
GOLCONDA DAM 51	.02	.05	.05	.03																					.15
HOOPESTON		.01	.02																						.03
HUTSONVILLE //	*	*	*	*	*	.25																			.25
MC HENRY													.04	.01											.05
MT CARMEL WATER WORKS	.09	.03																							.12
MURPHYSBORO WATER WORKS //	.05	.02																							.07
NEWTON	.05	.03																							.08
PARIS SEWAGE PLANT	.02	.01																							.03
RICHVIEW		.02																							.02
—6th—																									
CAIRO WB CITY													.06	.19											.25
DANVILLE HOSPITAL										.03															.03
DIONA										.02	.03	.05													.10
DWIGHT STATE REFORM							*	*	*	*	*	*	*	*	*	*	*	.04							.04

See reference notes following Station Index.

HOURLY PRECIPITATION

		A.M. Hour ending											P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
[illegible]										.05	.04		.01													.10
[illegible]										.07	.01															.08
[illegible]														.03	.03	.02										.08
[illegible]										.01				.05	.02	.05										.13
[illegible]														.02	.02											.04
[illegible]									.05	.01																.06
PARIS SEWAGE PLANT												.06	.05			.01										.12
[illegible]								*	*	*	*	*	.03													.03
[illegible]											.02															.02
[illegible]											.02	.01														.03
													--7th--													
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO WB AIRPORT												.01				.01										.02
CHICAGO WB CITY												.01					.01									.02
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.03	.03
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													--9th--													
BELLEVILLE SCOTT AF BSE																	.01					.01		.03	.01	.06
BRADFORD CAA	6																									
[illegible]																										
[illegible]																										
COLLINSVILLE																	.01	.01	.01	.01	.02	.02	.01	.01	.01	.07
[illegible]																										
DANVILLE HOSPITAL																										
[illegible]																										
DOUGLAS																										
DOWNS 2 SE																										
FAIRBURY WATER WORKS																										
FARMER CITY																										
FREEPORT SEWAGE PLANT																										
FULTON DAM 13																										
GALATIA																										
GLENDALE EXP FARM																										
GOLCONDA DAM 51																										
GREENFIELD																										
HOOPESTON																										
HUTSONVILLE	//																									
ILLINOIS CITY DAM 16																										
JOLIET WB AIRPORT	6																									
LANARK																										
LOUISVILLE																										
MASON CITY																										
MC HENRY																										
MOLINE WB AIRPORT	/																									
MORRISONVILLE																										
MURPHYSBORO WATER WORKS	//																									
NEWTON																										
OREGON																										
PARIS SEWAGE PLANT																										
PEORIA LOCK AND DAM	//																									
PEORIA WB AIRPORT																										
PITTSFIELD WATER WORKS																										
PRAIRIE DU ROCHER W WKS																										
PRINCETON 1 S	//																									
PROPHETSTOWN																										
RANTOUL CHANUTE AF BASE	//																									
RICHVIEW																										
ROCKFORD CAA	6																									
SPRINGFIELD WB AIRPORT	//																									
SPRINGFFIELD WB CITY																										
SULLIVAN WATER WORKS	//																									
URBANA EXP FARM																										
VANDALIA																										
WASHINGTON																										
													--10th--													
AUGUSTA HIGH SCHOOL																										
BELLEVILLE SCOTT AF BSE	//	.01	.05	.04	.01	.02			.01	.01							.02	.13	.19	.01	.03	.05	.01	.05	.09	.18
BELVIDERE SEWAGE PLANT									.02	.01		.01		.01	.01						.05	.05		.05		.65
BRADFORD CAA	6	*	*	*	*	*	.01																		.01	.07
CAIRO WB CITY														.08					.01	*	*	*	*	*	.07	
CARPENTER 1 SW																			.06	.03	.22	.01	.01	.01	.02	.39
CHICAGO CAL TREAT WKS										.01											.04	.06	.04	.16	.01	.37
CHICAGO LOYOLA UNIV																								.02	.02	.05
CHICAGO N BRA PUMP STA												.01									.01			.02	.01	.05
CHICAGO ROSELAND PUMP																						.01	.01			.02
CHICAGO SAN DIST DISPAT										.01														.03	.01	.04
CHICAGO SAN DIST OFF																							.01	.01	.01	.04
CHICAGO S FILTER PL											.01										.01			.01	.02	.05
CHICAGO UNIVERSITY					.01	.01		.01																.02	.03	.05
CHICAGO WB AIRPORT				.01	.01																.01	.01	.01	.01	.05	.09
CHICAGO WB CITY					.01																					.05
CISNE BROWN CAMP		.01		.08	.07	.04	.06			.03	.02										.04	.05	.04	.01	.04	.06
COLLINSVILLE		.01	.02						.02	.01					.01	.01		.05		.05	.05	.04	.01	.05	.01	.49
COULTERVILLE		*	*	*	*	*	*	*	.17								.01	.04	.01	.08	.03	.03		.07	.02	.35
CRETE								.01	.01			.01		.01		.01		.01							.03	.46
DANVILLE HOSPITAL		.01	.01																		.05	.01	.04	.08	.11	.09
DIONA		.02	.03	.02	.02	.04						.01			.01	.09		.05			.05	.13	.05	.04	.08	.31
DOUGLAS																						.01	.03	.05	.02	.64
DOWNS 2 SE			.01																	.01	.20	.05	.08	.07	.05	.11
DWIGHT STATE REFORM																							.05	.09	.07	.47
EFFINGHAM CAA					.03	.06	.04	.02	.05	.03					.03	.01	.01			.04	.16	.15	.08	.11	.04	.21
EVANSTON PUMP STA														.01								.01		.01		.86
FAIRBURY WATER WORKS																						.03	.02	.08	.07	.03
FARMER CITY				.01					.02											.02	.03	.04	.09	.09	.06	.20
FREEPORT SEWAGE PLANT							.01		.01																	.36
FULTON DAM 13		.01			.01			.01																	.10	.02
GALATIA			.03	.02	.05											.02	.01			.04	.06	.20		.03	.04	.13
GLENDALE EXP FARM		.02			.10									.01		.01	.01		.02	.04	.06	.19	.02	.02	.02	.50
GOLCONDA DAM 51			.01	.01	.01	.03										.03		.12	.02	.03	.05	.15	.04	.01	.03	.53
GREENFIELD		.03	.01	.01														.01	.01		.06	.06	.05	.11		.54
HOOPESTON			.01	.01					.01													.02	.01	.07	.15	.35
HUTSONVILLE		.02	.03	.02				.05	.10			.13	.02							.03		.01	.01		.15	.28
ILLINOIS CITY DAM 16		*	*	*	*	*	*	*	*	*	*	*	.13									.03	.01	.05	.05	.57
JACKSONVILLE SEWAGE PL																						.02	.06	.02	.05	.27
JOLIET WB AIRPORT	6	*	*	*	*	*	.02													*	*	*	*	*	.13	.15

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
KANKAKEE SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.10	-
KEWANEE BAKER PARK																										
LANARK		.01									.02	.01										.03	.01	.06	.03	.13
LOCKPORT LOCK AND DAM				.01	.01					.01				.01										.02	.02	.08
LOCKPORT POWER HOUSE									.01	.02															.09	.13
LOUISVILLE		.02	.04	.01	.07	.05	.03	.02	.03	.15	.04		.01										.01	.01	.08	.13
MARIETTA																				.01	.20	.04	.04	.05		.90
MASON CITY																							.01	.05	.08	.14
MC HENRY		.01												.03		.01	.01			.02	.03	.02	.05	.07	.06	.30
MOLINE WB AIRPORT																							.01	.02	.01	.05
MORRISONVILLE			.03						.05					.02					.07	.03	.01	.01	.04	.03	.08	.15
MT CARMEL WATER WORKS										*	*	*	*	*	*				.10	.03	.01	.03	.08	.04	.07	.41
MURPHYSBORO WATER WORKS	/	.01	.01		.03															.10	.01	.03	.01	.01	.04	.20
NEWTON		.02	.01	.02	.01	.07	.05	.01	.20	.05	.06	.06	.04	.05	.07	.06	.02			.02	.03	.14	.03	.07	.01	1.10
PARIS SEWAGE PLANT		.01	.01	.02	.01																					
PEORIA LOCK AND DAM		.01	.02																							
PEORIA WB AIRPORT																						.01	.04	.10	.05	.23
PITTSFIELD WATER WORKS									.02													.01	.03	.08	.05	.17
PRAIRIE DU ROCHER W WKS		.01	.01	.01	.01	.02	.01	.02	.02							.01						.04	.03	.03	.05	.20
PRINCETON 1 S	/	.01								.02							.09	.03	.04	.03			.03	.01	.01	.35
PROPHETSTOWN																							.01	.05	.11	.20
QUINCY CAA	6											.01		.01									.01	.01	.04	.08
QUINCY DAM 21																						+	*	*	.15	
RANTOUL CHANUTE AF BASE	//	.01												.03	.01	.01	.01		.01		.08		.09	.11		.20
RICHVIEW		.01		.05	.02	.02	.06	.03	.07	.01	.02							.02	.04	.16	.03	.06	.08	.17	.18	.59
ROCKFORD CAA	6																				*	*	.02	.01	.04	.67
SKOKIE N S TREAT WKS			.01	.01																					.02	
SPRINGFIELD WB AIRPORT	//		.01													.01						.03	.04	.02	.05	.03
SPRINGFIELD WB CITY		.01			.01	.01		.01											.04	.01		.05	.04	.02	.04	.16
STICKNEY W SIDE TREAT										.02													.01	.02	.02	.24
SULLIVAN WATER WORKS	//	*	*	*	*	*	*	.13									*	*	*	*	*	*	*	*	*	.07
URBANA EXP FARM																							.04	.07	.12	.13	.36
VANDALIA		*	*	*	*	*	*	*	*	.26				.01	.01			.01		.32	.02	.05	.05	.03	.06	.76
WASHINGTON			.01																			.01	.06	.08	.05	.21
WATERMAN	//		.01	.02	.01	.01																		.05	.13	.23
WENONA																								.13	.07	.20
													—11th—													
AUGUSTA HIGH SCHOOL		.02													.23											
BELLEVILLE SCOTT AF BSE	//	.02	.01	.02	.03	.02														.04						.25
BELVIDERE SEWAGE PLANT		.02	.12	.18	.17	.09																				.14
BRADFORD CAA	6	*	*	*	*	*	.33	*	*	*	*	*	.16	*	*	*	*	*	.04							.58
CAIRO WB CITY		.06	.04	.02	.23	.07	.12	.27	.29	.05								.03	.17	.28	.01	.03				1.67
CARPENTER 1 SW				.05	.05	.01	.01									.45	.01		.29							.87
CHICAGO CAL TREAT WKS		.07	.10	.12	.10	.11									.01			.01	.03	.13	.02					.70
CHICAGO LAKEVIEW PUMP		.03	.09	.04	.27	.04	.01	.02	.02		.02	.02	.01					.08	.13	.50	.01					1.29
CHICAGO LOYOLA UNIV		.07	.08	.08	.18	.04												.08	.08	.30	.01					.92
CHICAGO MAYFAIR PUMP ST		.09	.07	.26	.08	.04	.01	.02	.02	.01	.02	.02	.02					.16	.52	.07	.02					1.43
CHICAGO N BRA PUMP STA		.07	.09	.05	.20	.04								-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP STA		.11	.11	.16	.26	.15									.02		.01	.17	.07	.15	.01					1.22
CHICAGO SAN DIST DISPAT		.08	.09	.09	.23	.07									.01			.20	.30	.42	.01					1.50
CHICAGO SAN DIST OFF		.07	.08	.09	.17	.05								*	*	*	*	*	*	*	1.09					1.55
CHICAGO S FILTER PL		.07	.10	.20	.12	.11									.02			.22	.08	.08						1.00
CHICAGO SPRINGFLD PUMP		.08	.08	.12	.20	.03	.02	.02	.02	.02	.02	.02	.03	.01	.02	.02	.02	.15	.49	.10	.03	.02	.02	.02	.02	1.58
CHICAGO UNIVERSITY		.07	.07	.08	.23	.09												.15	.16	.24						1.09
CHICAGO WB AIRPORT		.06	.07	.20	.13	.06	.01											.29	.36	.55						1.73
CHICAGO WB CITY		.06	.06	.23	.12	.05	.01								.02			.42	.24	.24	.03					1.48
CISNE BROWN CAMP		.05	.02		.05				.08	.21	.01					.03	.17			.29						.91
COLLINSVILLE			.02	.04	.05														.05							.16
COULTERVILLE		.02	.04	.01	.04	.02		.04	.01								.05	.25								.48
CRETE		.08	.10	.18	.12	.07						.01		.01	.02			.04	.01	.40	.05					1.09
DANVILLE HOSPITAL		.06	.08	.06		.08	.02	.01	.01										.02		.30	.03				.67
DIONA		.05	.02	.01	.02	.02			.01	.01			.01					.05	.02			.17				.39
DOUGLAS		.14	.06										.10		.10											.40
DOWNS 2 NE		.05	.08	.09	.01														.24							.47
DWIGHT STATE REFFORM		.08	.10	.06	.10	.01								.05			.09	.26	.43							1.18
EFFINGHAM CAA	//	.02		.02	.01	.01	.01		.03	.01	.01							.08	.02		.05	.10				.37
EVANSTON PUMP STA		.05	.07	.04	.19	.03									.01			.18	.05	.17						.79
FAIRBURY WATER WORKS	//	.03	.06	.01	.09									.01	.01		.30	.05	.14	.01						.71
FARMER CITY		.02		.08	.07	.02	.03		.05										.03	.36		.01				.67
FREEPORT SEWAGE PLANT		.12	.13	.04	.01				.02		.02		.02	.58	.02		.01									.97
FULTON DAM 13		.15	.05										.27	.19	.04											.70
GALATIA		.03	.10	.05	.10	.05				.60	.17	.06	.01	.01				.05	.14	.04	.01	.51	.08			2.01
GLENDALE EXP FARM		.05	.05	.04	.07	.19	.11	.17	.05	.17	.05	.06	.01	.01		.01		.01	.18	.20	.06		.20	.12		1.81
GOLCONDA DAM 51		.02	.05	.04	.06	.19	.21	.05	.35	.18	.12	.03	.01	.01						.28	.12			.05		1.77
GREENFIELD		.02	.07	.06									.02					.11								.28
HOOPESTON		.13	.07	.02	.01	.07	.03		.01	.01									.05	.02	.03					.45
HUTSONVILLE	//	.05	.18	.06	.01	.02				.02	.01			.05	.09	.04	.01		.01		.02	.02	.01		.05	.65
ILLINOIS CITY DAM 16		.01	.02						.03			.50	.10	.05												.71
JACKSONVILLE SEWAGE PL		.05	.08	.02													.02									.17
JOLIET WB AIRPORT	6	*	*	*	*	*	.43	*	*	*	*	*	.01	*	*	*	*	*	.69	*	*	*	*	*	.01	
KANKAKEE SEWAGE PLANT		.09	.10	.16	.02	.06	.02	.02				.02						.21	.01	.25	.01		.02			.99
KEWANEE BAKER PARK		.27	.05							.03	.02		.03		.27											.67
LANARK		.11	.10	.02	.02					.01			.30	.27	.01											.84
LOCKPORT LOCK AND DAM		.07	.05	.17	.11	.04	.01	.01										.12	.73	.02						1.33
LOCKPORT POWER HOUSE		.09	.06	.14	.11	.04												.12	.61	.05						1.22
LOUISVILLE		.03	.03	.01	.01		.03	.02		.02	.03	.10					.03	.02				.10				.43
MARIETTA		.06	.03	.02	.01							.06			.09											.27
MASON CITY		.02	.15	.02	.02													.38								.59
MC HENRY		.08	.11	.29	.18									.02	.09											.77
MOLINE WB AIRPORT	//	.08	.03	.01								.12	.04													.28
MORRISONVILLE			.01		.09	.01			.03	.02							.10		.23							.49
MT CARMEL WATER WORKS		.01	.04	.01			.03	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.97	2.07
MURPHYSBORO WATER WORKS	//	.04	.01	.03	.05	.01	.01		.04	.32	.05							.29	.06	.08	.61					1.60
NEWTON		.04	.01								.03	.12	.03	.02			.03	.02				.18		.01	.01	.50
OREGON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.80							.80
PARIS SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.54	.59
PEORIA LOCK AND DAM	//	.12	.08	.08								.01		.03	.45	.80	.14	.01								1.72
PEORIA WB AIRPORT		.15	.07	.02			.14						.02			.53	.08									1.01
PITTSFIELD WATER WORKS		.07	.05																							.12
PRAIRIE DU ROCHER W WKS				.03				.02	.02	.01							.06	.01								.15
PRINCETON 1 S	//	.18	.19	.02									.22	.08	.01	.04										.74
PROPHETSTOWN		.19	.06																							.25
QUINCY CAA	6													*	*	*	*	*	.20							
QUINCY DAM 21		.03	.01		.01	.02				.01			.22													.30
RANTOUL CHANUTE AF BASE	//	.11	.06	.03	.11	.01	.05												.20	.15	.04					.76
RICHVIEW		.04	.01	.01	.04	.05				.20	.10	.01					.02	.04			.01					.53
ROCKFORD CAA	6	*	*	*	*	*	.39	*	*	*	*	*	.02	*	*	*	*	*	.02							
SKOKIE N S TREAT WKS		.07	.08	.10	.16	.03												.19	.09	.14						.86
SPRINGFIELD WB AIRPORT	//	.01	.01	.02	.02											.02		.36	.04							.48
SPRINGFIELD WB CITY		.03	.07	.04	.01	.03	.01										.12	.16	.21							.68
STICKNEY W SIDE TREAT		.11	.09	.24	.13	.04												.11	.17	.40	.01					1.30
SULLIVAN WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.79	1.04
URBANA EXP FARM		.07	.02	.01	.07	.01	.03																			.21
VANDALIA		.01				.02	.01		.02		.02									.08	.57					.73
WASHINGTON		.15	.15	.09	.01								.03	.01		.64	.22	.40								1.70

See reference notes following Station Index

HOURLY PRECIPITATION

Table 4—Continued

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
WATERMAN		.12	.25	.24	.01	.02	.01			.02				.04	.02											.73
WENONA		.05	.13	.10	.01	.01		.03						.05			.33	.32								1.03
														—12th—												
CAIRO WB CITY								.01		.03	.01		.01					.01		.01	.04					.12
GLENDALE EXP FARM																				.03	.06					.09
GOLCONDA DAM 51			.02							.01			.01	.01				.01		.01	.03	.02				.12
HUTSONVILLE	2	.08	.01	.01																						.10
URBANA EXP FARM														.02				.04	.04	.04	.02					.16
														—17th—												
AUGUSTA HIGH SCHOOL																				.07	.04	.01	.05	.05		.22
BELLEVILLE SCOTT AF BSE	//																	.10	.10	.12	.05	.10	.10	.05		.62
BELVIDERE SEWAGE PLANT																				*	*	*	*	*	*	*
BRADFORD CAA	6																			*	*	*	*	*	.28	
CAIRO WB CITY									.05	.01			.01				.01	.06	.01	.07	.03	.02	.13	.18	.19	.77
CARPENTER 1 SW																		.07	.15	.11	.10	.09	.14	.06		.72
CHICAGO CAL TREAT WKS																								.04	.11	.15
CHICAGO LAKEVIEW PUMP																									.04	.04
CHICAGO LOYOLA UNIV																								.01	.08	.09
CHICAGO MAYFAIR PUMP ST																								.02	.09	.11
CHICAGO N BRA PUMP STA																								.01	.08	.09
CHICAGO ROSELAND PUMP																								.01	.10	.11
CHICAGO SAN DIST DISPAT																								.06	.11	.17
CHICAGO SAN DIST OFF																								.06	.08	.14
CHICAGO S FILTER PL																								.02	.11	.13
CHICAGO SPRINGFLD PUMP																									.10	.10
CHICAGO UNIVERSITY																							.01	.04	.09	.14
CHICAGO WB AIRPORT																							.01	.05	.12	.18
CHICAGO WB CITY																								.05	.09	.14
CISNE BROWN CAMP																				*	*	*	*	*	*	*
COLLINSVILLE																	.02	.10	.14	.08	.10	.16	.02	.05	.01	.68
COULTERVILLE																		.06	.09	.07	.02	.10	.10	.13	.01	.58
CRETE																								.01	.06	.07
DANVILLE HOSPITAL																						.07	.11	.12	.22	.52
DIONA															.01	.01				.01	.06	.08	.12	.11	.07	.47
DOUGLAS																					.07	.13	.02	.08	.02	.32
DOWNS 2 NE																					.08	.12	.15	.13	.02	.50
DWIGHT STATE REFORM																						.01	.14	.12	.08	.35
EFFINGHAM CAA	//																			.01	.02	.10	.17	.04	.05	.39
EVANSTON PUMP STA																								.01	.04	.05
FAIRBURY WATER WORKS	//																					.09	.12	.11	.05	.37
FARMER CITY																					.05	.15	.15	.20	.01	.56
GALATIA										.01	.02							.01	.04	.02	.02	.02	.13	.06	.15	.48
GLENDALE EXP FARM										.01	.05		.01		.02	.01			.01	.02	.02	.02	.05	.16	.21	.59
GOLCONDA DAM 51										.04	.03					.02			.01	.02			.08	.15	.31	.66
GREENFIELD																			.09	.10	.09	.06	.02		.02	.38
HOOPESTON																						.04	.11	.12	.18	.45
HUTSONVILLE	//																						.02	.06	.07	.15
JACKSONVILLE SEWAGE PL																				.09	.11	.08	.02			.30
JOLIET WB AIRPORT	6																			*	*	*	*	*	.24	
KANKAKEE SEWAGE PLANT																								.13	.14	.27
KEWANEE BAKER PARK																				.03	.01	.06	.15	.04	.01	.30
LANARK																								.04	.01	.05
LOCKPORT LOCK AND DAM																							.01	.08	.13	.22
LOCKPORT POWER HOUSE																							.01	.09	.16	.26
LOUISVILLE																				.04	.11	.05	.07	.05	.04	.36
MARIETTA																				.02	.10	.06	.06	.04	.06	.34
MASON CITY																				.15	.11	.19	.09	.11	.02	.57
MC HENRY																								.02	.06	.08
MOLINE WB AIRPORT																							.02	.03	.01	.06
MORRISONVILLE																				*	*	*	*	*	*	*
MT CARMEL WATER WORKS														.04	.06	.03	.04	.13	.10	.10						.50
MURPHYSBORO WATER WORKS	//																	.03	.05	.04	.03	.14	.11	.08	.04	.52
NEWTON																				*	*	*	*	*	*	*
OREGON																						.02	.05	.05	.15	.27
PARIS SEWAGE PLANT																						.03	.07	.07	.13	.30
PEORIA LOCK AND DAM	//																			.01	.01	.08	.20	.08	.06	.44
PEORIA WB AIRPORT																				.01	.04	.18	.09	.06	.04	.42
PITTSFIELD WATER WORKS																		.04	.07	.09	.02	.04	.03	.01		.30
PRAIRIE DU ROCHER W WKS																	.10	.17	.15	.10	.20	.10	.04	.06		.92
PRINCETON 1 S	//																				.01	.01	.14	.09	.02	.27
PROPHETSTOWN																							.02	.10	.10	.22
QUINCY CAA	6													*	*	*	*	*	.02	*	*	*	*	*	.22	
QUINCY DAM 21																			.02	.04	.09	.05	.03	.03		.26
RANTOUL CHANUTE AF BASE	//													*	*	*	*	*	*	*	*	*	*	*	*	*
RICHVIEW																			.09	.08	.07	.02	.12	.06	.06	.50
ROCKFORD CAA	6																			*	*	*	*	*	.20	
SKOKIE N S TREAT WKS																								.01	.07	.08
SPRINGFIELD WB AIRPORT																			.02	.09	.09	.14	.05	.01	.01	.41
SPRINGFIELD WB CITY														*	*	*	*	*	*	*	*	*	*	*	*	*
STICKNEY W SIDE TREAT																								.04	.12	.16
SULLIVAN WATER WORKS															.01		.01		.01	.02	.08	.05	.11	.11	.05	.45
URBANA EXP FARM																					.02	.09	.14	.20	.09	.54
VANDALIA																			.05	.12	.09	.11	.10	.06	.07	.60
WASHINGTON																					.04	.16	.14	.01	.09	.44
WATERMAN																							.10	.08	.15	.33
WENONA																						.18	.17	.03	.02	.40
														—18th—												
BELLEVILLE SCOTT AF BSE		.01	.02	.02																						.05
BELVIDERE SEWAGE PLANT		*	*	*	*	*	.50																			.50
BRADFORD CAA	6	*	*	*	*	*	.10																			
CAIRO WB CITY		.23	.02	.02				.01																		.28
CHICAGO CAL TREAT WKS		.11	.08	.01		.01																				.21
CHICAGO LAKEVIEW PUMP		.05	.12	.01		.01		.01	.01	.01		.01														.23
CHICAGO LOYOLA UNIV		.10	.10	.01			.02																			.23
CHICAGO MAYFAIR PUMP ST		.17	.13	.02																						.32
CHICAGO N BRA PUMP STA		.08	.09	.01		.02																				.20
CHICAGO ROSELAND PUMP		.11	.07	.01																						.19
CHICAGO SAN DIST DISPAT		.08	.10	.01		.01																				.20
CHICAGO SAN DIST OFF		.07	.09	.01		.01	.01																			.19
CHICAGO S FILTER PL		.11	.08	.01		.01	.01																			.22
CHICAGO SPRINGFLD PUMP		.09	.12	.01																						.22
CHICAGO UNIVERSITY		.08	.08	.02		.01																				.19
CHICAGO WB AIRPORT		.12	.08	.02		.01																				.23
CHICAGO WB CITY		.08	.09	.03			.02																			.22
CISNE BROWN CAMP		*	*	*	*	*	.50																			.50
COLLINSVILLE			.01	.01																						.02
COULTERVILLE		.02																								.02
CRETE		.15	.14	.06	.02																					.37
DANVILLE HOSPITAL		.06	.02																							.08
DIONA		.02	.02	.01																						.05
DOUGLAS		.03	.01	.01																						.05

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DOWNS 2 NE		.05	.02	.02	.01																					.10
DWIGHT STATE REFORM		.02	.03	.01																						.06
EVANSTON PUMP STA		.09	.08	.05		.01	.01																			.24
FAIRBURY WATER WORKS	//	.04	.01	.01																						.06
FARMER CITY		.04	.01	.01																						.06
FULTON DAM 13		.02	.01																							.03
GALATIA		.06	.03																							.09
GLENDALE EXP FARM		.14	.14	.02																						.30
GOLCONDA DAM 51		.15	.10	.01																						.26
GREENFIELD		.01	.01					.01																		.03
HOOPESTON		.05	.03	.01			.01																			.10
HUTSONVILLE	//	.08	.14	.06	.07																					.35
JACKSONVILLE SEWAGE PL		.03	.01			.01																				.05
JOLIET WB AIRPORT	6	*	*	*	*	*	.17																			
KANKAKEE SEWAGE PLANT		.06	.05	.01	.02																					.14
KEWANEE BAKER PARK		.08	.01	.01																						.10
LANARK		.02																								.02
LOCKPORT LOCK AND DAM		.11	.06																							.17
LOCKPORT POWER HOUSE		.11	.03		.01																					.15
LOUISVILLE		.06	.02	.01	.02																					.11
MARIETTA		.01	.04	.01																						.06
MASON CITY		.03	.03																							.06
MC HENRY		.14	.10	.03	.01																					.28
MORRISONVILLE		*	*	*	*	*	.56																			.56
NEWTON		*	*	*	*	*	.53																			.53
OREGON		.13	.02	.01																						.16
PARIS SEWAGE PLANT		.07	.03	.02																						.12
PEORIA LOCK AND DAM	//	.06	.04	.01																						.11
PEORIA WB AIRPORT		.02	.01																							.03
PITTSFIELD WATER WORKS					.02																					.02
PRAIRIE DU ROCHER W WKS		.02	.01																							.03
PRINCETON 1 S	//	.05	.02	.03																						.10
PROPHETSTOWN			.03																							.03
RANTOUL CHANUTE AF BASE	//	*	*	*	*	*	.90																			.90
RICHVIEW			.02	.01			.01		.01																	.05
ROCKFORD CAA	6	*	*	*	*	*	.23																			
SKOKIE N S TREAT WKS		.09	.09	.01	.01	.01	.01																			.22
SPRINGFIELD WB AIRPORT	//		.01																							.01
SPRINGFIELD WB CITY		*	*	*	*	*	.55																			.55
STICKNEY W SIDE TREAT		.10	.08	.01		.01	.01																			.21
SULLIVAN WATER WORKS	//	.03	.02		.03																					.08
URBANA EXP FARM		.02																								.02
VANDALIA		.01	.01																							.02
WASHINGTON		.01	.05	.01	.03	.01																				.11
WATERMAN	//	.07	.02	.02	.06																					.17
WENONA		.05																								.05

–20th–

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUSTA HIGH SCHOOL				.01		.01	.04	.04										.18	.12			.01	.10		.05	.56
BELLEVILLE SCOTT AF BSE	//																						.06	.05	.14	.25
BELVIDERE SEWAGE PLANT										*	*	.22				.03	.28	.07	.17	.06	.02					.85
BRADFFORD CAA	6							*	*	*	*	*	.23	*	*	*	*	*	.17	*	*	*	*	*	.50	
CARPENTER 1 SW																							.05	.01		.06
CHICAGO CAL TREAT WKS											.02	.01	.22	.01		.01			.02	.04	.15	.17	.05	.12	.29	1.11
CHICAGO LAKEVIEW PUMP													.08	*	*	*	*	*	*	*	*	*	*	*	.70	.78
CHICAGO LOYOLA UNIV												.02	.06	.03						.10		.03	.18	.20	.24	.86
CHICAGO MAYFAIR PUMP ST												.14	.05	.04						.10			.26	.21	.31	1.11
CHICAGO N BRA PUMP STA												.02	.07	.03						.08		.03	.11	.17	.22	.73
CHICAGO ROSELAND PUMP													.01	*	*	*	*	*	*	*	*	*	*	*	.73	.74
CHICAGO SAN DIST DISPAT													.13	.05						.14	.07	.06	.06	.14	.19	.84
CHICAGO SAN DIST OFF													.07	.01		.01				.10	.02	.02	.07	.17	.21	.68
CHICAGO S FILTER PL											.01		.07	.11	.01					.07	.13	.17	.03	.17	.25	1.02
CHICAGO SPRINGFLD PUMP													.09							.17			.25	.18	.22	.91
CHICAGO UNIVERSITY													.02	.07						.08	.07	.10	.06	.20	.25	.85
CHICAGO WB AIRPORT													.14	.10						.06	.06	.08	.11	.21	.24	1.00
CHICAGO WB CITY											.01		.05	.05	.01	.03				.04	.11	.03	.03	.14	.21	.71
CISNE BROWN CAMP													.03	.01												.04
COLLINSVILLE																								.02	.01	.03
CRETE											.03	.01	.10	.01	.01					.12	.32	.14	.01	.03	.12	.90
DANVILLE HOSPITAL									.07	.01	.05					.01		.01				.01		.14		.30
DIONA									.01	.02		.01	.01													.05
DOUGLAS										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DOWNS 2 NE									.10	.02	.02							.05	.18	.13	.04	.05	.08	.01		.68
DWIGHT STATE REFORM									.03		.01	.01							.01	.37	.40		.05	.07	.18	1.13
EFFINGHAM CAA	//						.07			.04	.01			.01	.01	.01										.15
EVANSTON PUMP STA													.05	.13	.06			.06		.11		.03	.15	.18	.19	.96
FAIRBURY WATER WORKS	//	.02	.01							.07									.08	.12	.50	.09	.01	.07	.02	.99
FARMER CITY								.03	.05									.05	.20	.01	.04	.03	.02	.05		.48
FREEPORT SEWAGE PLANT															.02							.04	.01			.07
FULTON DAM 13													.15	.08	.02						.06	.02				.33
GOLCONDA DAM 51													.02											.10	.09	.21
GREENFIELD							.01	.01						.01		.15	.09				.01	.09	.01			.38
HOOPESTON																	.02	.03	.01	.01			.08	.07	.04	.36
ILLINOIS CITY DAM 16											.27	.53	.13						.02	.05	.05					1.05
JACKSONVILLE SEWAGE PL							.02	.02						.10				.05	.08		.02	.03	.01	.01	.10	.44
JOLIET WB AIRPORT	6							*	*	*	*	*	.17							*	*	*	*	*	.83	
KANKAKEE SEWAGE PLANT																	.02			.08	.24	.24			.01	.59
KEWANEE BAKER PARK											.10	.20	.03	.06	.01		.03			.11	.01	.23	.21	.09	.02	1.10
LANARK													.02	.05	.07	.01							.02		.01	.18
LOCKPORT LOCK AND DAM												.01	.11	.02	.01					.14	.08	.05	.20	.13	.27	1.02
LOCKPORT POWER HOUSE												.02	.13							.17	.10	.07	.18	.10	.26	1.03
LOUISVILLE																								.01	.02	.03
MARIETTA								.03	.03									*	*	*	*	*	*	*	*	*
MASON CITY								.02		.01	.03						.02	.05	.09	.30	.48	.04	.20	.02	.03	1.27
MC HENRY													.03	.07	.17	.05	.03	.01	.01	.25	.28	.14	.04			1.08
MOLINE WB AIRPORT	//										.02	.35	.13		.02			.03	.01	.16	.11	.05	.03	.05		.98
MORRISONVILLE																						.14	.03			.17
MURPHYSBORO WATER WORKS	//																	.02	.02							.04
NEWTON																						.05		.15	.09	.29
OREGON													.08	.42	.04	.02			.02	.15	.13	.15	.05		.04	1.10
PARIS SEWAGE PLANT								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PEORIA LOCK AND DAM	//							.05	.10										.07	.40	.15	.02	.16	.02	.38	1.35
PEORIA WB AIRPORT								.01		.09				.01					.12	.81	.05	.02	.15	.08	.25	1.59
PITTSFIELD WATER WORKS									.02							.06	.01	.04		.07	.29	.01			.08	.58
PRAIRIE DU ROCHER W WKS																						.02	.02			.04
PRINCETON 1 S	//									.01	.09	.12	.07	.01				.07			.03	.26	.24	.15	.02	1.07
PROPHETSTOWN												.26	.21	.06		.02				.05	.19	.13	.01	.06	.01	1.00
QUINCY CAA	6													*	*	*	*	*	.40	*	*	*	*	*	.05	
QUINCY DAM 21																	*	*	*	*	*	*	*	*	*	*
RANTOUL CHANUTE AF BASE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKFORD CAA	6							*	*	*	*	*	.03	*	*	*	*	*	.19	*	*	*	*	*	.17	
SKOKIE N S TREAT WKS												.01	.05	.08	.03			.02		.09	.01	.03	.17	.21	.20	.90
SPRINGFIELD WB AIRPORT	//							.02									.08	.14	.01		.03	.05	.02	.01		.36
SPRINGFIELD WB CITY							.03	.02	.04								.08	.24			.04	.02	.03			.50
STICKNEY W SIDE TREAT													.10	.04						.14	.05	.04	.08	.16	.23	.84
SULLIVAN WATER WORKS	//									.04								.01				.03	.07			.15

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
URBANA EXP FARM								.01	.01								.23	.11				.15	.11		.62
VANDALIA																							.02	.01	.03
WASHINGTON							.05	.02					*	*	*	*	*	*	*	*	*	*	*	*	*
WATERMAN //											*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WENONA										.15								.10	.10	.10	.05	.15	.19	.11	.95
													—21st—												
AUGUSTA HIGH SCHOOL	.05				.02		.01	.12	*	*	*	*	*	*	*	*	*	1.70							1.90
BELLEVILLE SCOTT AF BSE //	.08	.05	.10	.19	.15	.17	.39	.16	.03	.01	.04		.05				.07	.23	.13	.08	.20	.20	.02		2.35
BELVIDERE SEWAGE PLANT								.01	.01	.13	.23	.04		.01			.01	.01	.01	.02	.02	.01	.01	.01	.53
BRADFORD CAA 6							*	*	*	*	*	.28	*	*	*	*	*	.41	*	*	*	*	*	.02	
CAIRO WB CITY						.01																.15	.15	.18	.49
CARPENTER 1 SW	.10	.04		.01	.05	.09	.04	.03	.20	.02	.01	.02	.05	.15	.19	.07	.14	.22	.13	.04	.01	.07			1.88
CHICAGO CAL TREAT WKS	.14	.16	.03								.01	.08	.07	.28	.37	.46	.32	.13	.12	.22	.13	.19	.04	.09	2.84
CHICAGO LAKEVIEW PUMP	*	*	*	*	*	*	*	*	*	*	*	.36	*	*	*	*	*	*	*	*	*	*	*	1.06	1.42
CHICAGO LOYOLA UNIV	.17	.05	.02								.02	.07	.05	.09	.32	.30	.13	.10	.01		.01	.06	.02	.02	1.44
CHICAGO MAYFAIR PUMP ST	.34	.14	.05									.10	.08	.14	.50	.29	.21	.06	.01	.02	.03	.09	.03	.03	2.12
CHICAGO N BRA PUMP STA	.17	.04	.03								.01	.06	.05	.06	.31	.29	.12	.12	.01			.07	.02	.02	1.38
CHICAGO ROSELAND PUMP	*	*	*	*	*	*	*	*	*	*	*	.20	*	*	*	*	*	*	*	*	*	*	*	2.45	2.65
CHICAGO SAN DIST DISPAT	.15	.05	.03									.07	.04	.11	.37	.28	.14	.13	.05	.01	.02	.06	.01	.02	1.54
CHICAGO SAN DIST OFF	.19	.06	.04								.01	.06	.04	.12	.46	.35	.14	.17	.04	.02	.03	.06	.01	.02	1.82
CHICAGO S FILTER PL	.10	.06	.04							.01		.05	.04	.20	.45	.45	.23	*	*	*	*	*	*	.74	2.37
CHICAGO SPRINGFLD PUMP	.20	.03	.03									.10	.04	.12	.43	.29	.16	.11				.08	.01	.02	1.82
CHICAGO UNIVERSITY	.10	.05	.01							.06	.05	.16	.30	.30	.20	.31	.15	.10	.07	.04	.03	.07	.01	.02	2.07
CHICAGO WB AIRPORT	.14	.05	.02								.01	.09	.03	.13	.55	.30	.18	.09	.06	.03	.03	.07	.01	.02	1.81
CHICAGO WB CITY	.14	.05	.04	.02	.06	.02	.01	.01	.02	.01		.02	.02	.12	.39	.36	.15	.17	.02	.01		.05	.02	.03	1.74
CISNE BROWN CAMP			.21	.31	.07	.05		.02														.13	.15	.13	1.07
COLLINSVILLE	.09	.02	.09	.03	.08	.05	.06	.19	.03	.01	.01	.03	.08	.02		.14	.26	.13	.11	.20	.02	.04			1.69
COULTERVILLE		.24	.03	.24	.06			.04	.02										.20	.23	.18	.20	.19	.03	1.66
CRETE	.13	.07	.04	.03	.02					.01	.05	.11	.19	.20	.25	.32	.28	.05	.11	.26	.15	.12	.06	.11	2.56
DANVILLE HOSPITAL	.01	.02		.05	.25	.07	.06	.09	.13	.20	.12	.01		.01	.10		.01	.05	.03	.06	.08	.13	.08	.22	1.78
DIONA			.06	.06	.11	.13	.12	.17	.22	.03			.02	.03		.02			.01	.12	.06	.09	.05	.18	1.48
DOUGLAS	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.43	2.43
DOWNS 2 NE		.02	.10	.10	.10		.02	.18	.18	.14	.20	.16	.02	.03	.16	.48	.20	.20	.23	.13	.10	.02	.05		2.82
DWIGHT STATE REFORM	.10	.10	.09	.04						.07	.14	.13	.13	.14	.66	.25	.18	.11	.09	.10	.07		.02	.01	2.43
EFFINGHAM CAA //		.04	.03	.08	.09	.09	.23	.15	.10	.02	.05			.03					.02	.09	.07	.05	.13	.11	1.38
EVANSTON PUMP STA	.12	.06	.01								.01	.08	.05	.08	.34	.26	.13	.07			.03	.05	.02	.03	1.34
FAIRBURY WATER WORKS //	.04	.07	.20	.08	.02				.14	.13	.28	.44	.11	.02	.21	.52	.14	.19	.15	.12	.16	.06	.03	.03	3.14
FARMER CITY				.05	.09	.11	.10	.13	.12	.24	.12	.05	.02	.02	.13	.07	.50	.17	.43	.16	.19	.10	.13	.05	2.96
FREEPORT SEWAGE PLANT						*	*	*	.10																.10
FULTON DAM 13													.10	.20		.02									.32
GALATIA																							.16	.22	.38
GLENDALE EXP FARM							.01	.02	.01														.11	.12	.27
GOLCONDA DAM 51	.14	.15	.08																						.37
GREENFIELD	.01	.01	.13	.15	.07	.12	.16	.09	.08	.02			.06	.03	.24	.27	.17	.18	.03		.01				1.83
HOOPESTON	.14	.02	.01	.09	.15	.10	.13	.13	.12	.15	.25	.06	.02	.09	.03	.01	.22	.15	.11	.06	.11	.14	.09	.16	2.54
HUTSONVILLE //		.05	.05	.03	.03	.10		.04	.13	.14	.06	.02													.65
ILLINOIS CITY DAM 16											.03	.12	.21	.01											.37
JACKSONVILLE SEWAGE PL	.10	.05	.15	.15	.15	.20				.10	.03		.17	.14	.33	.18	.15	.05	.03				.01		1.99
JOLIET WB AIRPORT ■	*	*	*	*	*	.25	*	*	*	*	*	.17	*	*	*	*	*	1.22	*	*	*	*	*	.18	
KANKAKEE SEWAGE PLANT	.11	.10	.09	.15	.06		.01		.01	.04	.07	.21	.24	.12	.14	.40	.32	.18	.21	.21	.18	.09	.07	.11	3.12
KEWANEE BAKER PARK									.02	.02	.04	.07	.20	.07	.03	.03	.02								.50
LANARK		.01										.02	.20	.18	.03										.44
LOCKPORT LOCK AND DAM	.13	.06	.01								.06	.08	.06	.18	.62	.03	.15	.10	.08	.02	.03	.06	.01	.03	1.71
LOCKPORT POWER HOUSE	.12	.05	.02						.01		.06	.09	.03	.16	.44	.20	.19	.05	.08	.02	.03	.04	.02	.01	1.62
LOUISVILLE	.05		.59	.06	.03	.12	.10			.07											.34	.19	.07	.15	1.77
MARIETTA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.52	2.52
MASON CITY	.03	.12	.16	.09	.03		.12	.18	.18	.22	.29	.04	.02	.21	.22	.25	.13	.10	.04	.04					2.47
MC HENRY		.02										.01	.13	.16	.07	.04	.03	.01		.01	.01		.02	.02	.53
MOLINE WB AIRPORT //											.10	.15	.20	.10	.01				.01		.01		.01		.59
MORRISONVILLE				.12	.23	.20	.10	.06	.11	.04	.02	.02	.04	.16	.08	.14	.30	.39	.12	.24	.08	.03	.07		2.55
MT CARMEL WATER WORKS				.08		.01		.01																.18	.28
MURPHYSBORO WATER WORKS //																		.01		.03	.07	.10	.15	.15	.51
NEWTON	.06	.07	.15	.01	.02								*	*	*	*	.15	.08	.22	.08	.16	.09	.08	.01	1.18
OREGON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PEORIA LOCK AND DAM //	.12	.05	.05						.18	.27	.40	.28	.07	.30	.07	.18	.08	.05	.04	.02		.01			2.17
PEORIA WB AIRPORT	.08	.04							.08	.25	.38	.42	.06	.34	.07	.15	.02	.02	.03			.01			1.95
PITTSFIELD WATER WORKS	.22	.13	.04		.07	.16	.13	.20	.22	.03	.02	.05	.43	.30	.17	.05	.03								2.25
PRAIRIE DU ROCHER W WKS	.18	.18	.05	.10	.09	.01	.10	.05	.03	.01			.10				.02	.73	.20	.15	.25	.25	.05		2.55
PRINCETON 1 S //	.03							.02				.03	.11	.18	.21	.02	.08	.02				.02	.01		.73
PROPHETSTOWN	.03											.05	.20	.05									.03		.36
QUINCY CAA 6	*	*	*	*	*	.35	*	*	*	*	*	.81	*	*	*	*	*	.89							
RICHVIEW		.49	.05	.08	.08		.05	.05												.19	.16	.13	.07	.06	1.41
ROCKFORD CAA 6							*	*	*	*	*	.05	*	*	*	*	*	.43	*	*	*	*	*	.07	
SKOKIE M S TREAT WKS	.14	.06	.02									.08	.05	.09	.35	.23	.13	.07			.03	.05	.02	.02	1.34
SPRINGFIELD WB AIRPORT //		.01	.11	.08	.09	.13	.15	.18	.14	.15	.02		.02	.09	.60	.20	.20	.12	.01	.01	.04	.05			2.40
SPRINGFIELD WB CITY			.07	.12	.10	.11	.11	.14	.12	.14	.01	.02		.08	.04	.41	.25	.17	.18	.05		.02			2.14
STICKNEY W SIDE TREAT	.17	.05	.03								.01	.07	.03	.11	.46	.29	.17	.10	.04	.01	.02	.05	.02	.02	1.65
SULLIVAN WATER WORKS //		.01	.01	.01	.12	.20	.19	.14	.22	.03	.02	.02		.10	.01	.01	.09	.02	.19	.14	.14	.13	.15	.07	2.02
URBANA EXP FARM	.01				.17	.06	.15	.13	.17	.27	.10	.02	.02	.10	.01	.05	.09	.14	.06	.12	.16	.14	.14	.10	2.21
VANDALIA	.01	.09	.02	.05	.11	.10	.13	.15	.14	.01			.01	.04				.09	.17	.10	.14	.16	.16	.07	1.75
WASHINGTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.95				.02	.01	.01	4.06
WENONA	.10	.05	.03	.01	.01					.10	.20	.10	.44	.35	.26	.15	.10	.13		.06					2.09
													—22d—												
BELLEVILLE SCOTT AF BSE //	.01	.01	.01																						.03
BELVIDERE SEWAGE PLANT	.02	.02	.03									.01	.01	.01		.01				.01					.12
BRADFORD CAA 6							*	*	*	*	*	.01	*	*	*	*	*	.03							
CAIRO WB CITY	.23	.05	.01																						.29
CHICAGO CAL TREAT WKS	.04											-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP													*	*	*	*	*	*	*	*	*	*	*	.04	.04
CHICAGO LOYOLA UNIV	.02											-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST													.01	.01	.01	.01		.01	.01		.01		.01		.08
CHICAGO N BRA PUMP STA	.02											-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP													*	*	*	*	*	*	*	*	*	*	*	.03	.03
CHICAGO SAN DIST DISPAT	.02												-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF	.02												-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SPRINGFLD PUMP													.01	.02	.01										.04
CHICAGO UNIVERSITY	.01		.01	.03	.02							.01	.01	.02	.01										.12
CHICAGO WB AIRPORT	.03													.01	.02	.01	.01	.01							.09
CHICAGO WB CITY	.01		.01	.03	.02							.01	.01	.02	.01										.12
CISNE BROWN CAMP	.12	.07	.02	.01																					.22
CRETE	.05																								.05
DANVILLE HOSPITAL	.09	.04	.05	.02																					.20
DIONA	.03	.05	.04																						.12
DOWNS 2 NE		.01	.02																						.03
DWIGHT STATE REFORM	.02			.01																					.03
EFFINGHAM CAA //	.03	.04	.02	.01																					.10
EVANSTON PUMP STA	.01	.01										-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	.03																								.03
FULTON DAM 13						.03																			.03
GALATIA	.17	.09	.01																						.27
GLENDALE EXP FARM	.20	.15	.03																						.38
HOOPESTON	.08	.07	.03																						.18
HUTSONVILLE		.18	.19	.22	.10	.02																			.71

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JOLIET WB AIRPORT	6	*	*	*	*	*	.02							*	*	*	*	*	.05							
KANKAKEE SEWAGE PLANT		.01																								.01
LANARK			.02			.02																				.04
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE		.05	.07	.03																						.15
MC HENRY		.01	.01	.01	.02	.01																				.06
MOLINE WB AIRPORT	//				.01		.01					.01														.03
MT CARMEL WATER WORKS		.17	.20	.09	.01																					.47
MURPHYSBORO WATER WORKS	//	.08	.07																							.15
NEWTON		.01	.01	.01																						.03
OREGON		*	*	*	*	*	.51																			.51
PARIS SEWAGE PLANT		*	*	*	*	*	1.90																			1.90
PEORIA WB AIRPORT													.01					.01								.02
PROPHETSTOWN		*	*	*	*	*	*	*	*	*	*	*	*	*	.15											.15
QUINCY CAA	6													*	*	*	*	*	.03							
QUINCY DAM 21		*	*	*	*	*	*	*	*	*	*	3.00														3.00
RICHVIEW		.04	.02	.01				.02																		.09
ROCKFORD CAA	6	*	*	*	*	*	.08	*	*	*	*	*	.02	*	*	*	*	*	.02							
SKOKIE N S TREAT WKS		.02	.01																.01							.04
SPRINGFIELD WB AIRPORT	//																		.01							.01
SPRINGFIELD WB CITY		.01		.01																						.02
STICKNEY W SIDE TREAT		.01											-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//	.02	.01																							.03
URBANA EXP FARM		.07	.02																							.09
VANDALIA		.01		.01																						.02
WASHINGTON		.01	.03																							.04
WATERMAN	//	*	*	*	*	*	1.81																			1.81
WENONA		.01			.03																					.04

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BELVIDERE SEWAGE PLANT																							.01		.01	.02
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP														.02	.01											.03
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO WB AIRPORT																								.01	.02	.03
CHICAGO WB CITY																								.01	.01	.02
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC HENRY																				.01	.01	.02	.01			.05
ROCKFORD CAA	6																			*	*	*	*	*	.03	
SKOKIE N S TREAT WKS																						.01	.01	.01	.01	.04
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

—24th—

CHICAGO LAKEVIEW PUMP		*	*	*	*	*	*	*	*	*	*	*	.04													.04
MC HENRY												*	*	*	*	*	*	*	*	*	*	*	*	*	.03	.03

—25th—

AUGUSTA HIGH SCHOOL																			.08	.03	.08	.03	.10	.03	.03	.38
BELLEVILLE SCOTT AF BSE	//																			*	*	*	*	*	*	*
BELVIDERE SEWAGE PLANT																				.01	.02	.01		.01	.01	.06
BRADFORD CAA	6							*	*	*	*	*	.01	*	*	*	*	*	.04	*	*	*	*	*	.28	
CARPENTER 1 SW																									.19	.19
CHICAGO CAL TREAT WKS											.01															.01
CHICAGO LAKEVIEW PUMP																				*	*	*	*	*	.55	.55
CHICAGO LOYOLA UNIV							.01		.01								.01					.17	.14	.12	.08	.54
CHICAGO MAYFAIR PUMP ST																					.03	.15	.16	.10	.10	.54
CHICAGO N BRA PUMP STA					.01		.02						.01								.01	.17	.15	.12	.09	.58
CHICAGO SAN DIST DISPAT													.03									.07	.13	.07	.01	.31
CHICAGO SAN DIST OFF																						.08	.15	.10	.01	.34
CHICAGO SPRINGFLD PUMP																					.02	.11	.19	.15	.06	.53
CHICAGO UNIVERSITY														.01	.01						.04	.03	.02	.02		.13
CHICAGO WB AIRPORT												.01	.03	.01		.01						.08	.13	.06	.02	.35
CCHICAGO WB CITY													.01	.01	.01	.01					.01	.06	.12	.11	.02	.36
COLLINSVILLE																								.03	.10	.13
CRETE			.01	.04	.09	.10	.02	.02	.07			.02		.03												.40
DOUGLAS																		*	*	*	*	*	*	*	*	*
DOWNS 2 NE																									.04	.04
DWIGHT STATE REFORM												.01	.04								.03	.07	.07	.01	.08	.31
EVANSTON PUMP STA							.01	.01	.01	.01	.01		.01								.02	.12	.11	.09	.10	.50
FAIRBURY WATER WORKS	//																								.01	.01
FARMER CITY																									.02	.02
FREEPORT SEWAGE PLANT																								.02	.02	.04
FULTON DAM 13				.02	.06	.02				.02														.01	.05	.18
GREENFIELD																			.02	.03	.10	.05	.12	.08	.08	.48
ILLINOIS CITY DAM 16										.02	.01	.01		.01		.03							.02	.04	.01	.15
JACKSONVILLE SSEWAGE PL																	.02	.01			.01	.01	.05	.05	.07	.22
JOLIET WB AIRPORT	6							*	*	*	*	*	.04	*	*	*	*	*	.04	*	*	*	*	*	.57	
KEWANEE BAKER PARK																				*	*	*	*	*	*	*
LANARK																						.02			.02	.04
LOCKPORT LOCK AND DAM											.02	.03									.01	.10	.19	.10	.05	.50
LOCKPORT POWER HOUSE						.01					.01	.03	.01	.01	.01						.02	.12	.18	.13	.04	.57
MARIETTA																			.03	.11	.03	.09	.04	.05	.03	.38
MASON CITY													.04	.05		.01	.07	.02	.01			.02	.03	.04	.08	.37
MC HENRY																			*	*	*	*	*	*	*	*
MOLINE WB AIRPORT	//																	.01					.02	.02	.03	.08
MORRISONVILLE																								.04	.17	.21
NEWTON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON																		.04	.03	.02	.02		.01	.02	.01	.15
PEORIA LOCK AND DAM	//							.01	.02	.03	.02	.04	.01	.02	.03	.01		.01	.01	.04	.08	.05	.07	.08	.12	.65
PEORIA WB AIRPORT										.03	.01	.02	.01	.02	.01	.01	.01		.02	.05	.06	.05	.06	.09	.12	.55
PITTSFIELD WATER WORKS														.01	.02	.05	.06	.04	.02			.01	.09	.12	.13	.55
PRAIRIE DU ROCHER W WKS																									.02	.02
PRINCETON 1 S	//																		*	*	*	*	*	*	*	*
PROPHETSTOWN																			.01			.01	.03	.01	.02	.08
QUINCY CAA	6													*	*	*	*	*	.09	*	*	*	*	*	.36	
QUINCY DAM 21																			.05	.05	.10	.08	.06	.04	.02	.40
ROCKFORD CAA	6													*	*	*	*	*	.03	*	*	*	*	*	.08	
SKOKIE N S TREAT WKS						.01					.01											.05	.15	.18	.10	.50
SPRINGFIELD WB AIRPORT	//																			.06	.05	.03	.04	.10	.11	.39
SPRINGFIELD WB CITY																				.03	.07	.05	.05	.09	.09	.38
STICKNEY W SIDE TREAT													.03									.09	.20	.13	.03	.48
WASHINGTON										.02	.04	.02		.02	.02	.04				.04	.13	.06	.09	.09	.10	.67
WATERMAN	//																			*	*	*	*	*	*	*
WENONA																				.05	.10	.10	.05	.13	.10	.53

—26th—

AUGUSTA HIGH SCHOOL		.02		.03	.07																					.12
BELLEVILLE SCOTT AF BSE	//	*	*	*	*	*	.35																			.35

See reference notes following Station Index.

Station		A. M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P. M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
BELVIDERE SEWAGE PLANT		.01	.03																							.04
BRADFORD CAA	6	*	*	*	*	*	.07	*	*	*	*	*	.03													
CAIRO WB CITY				.10	.23	.30	.18	.16	.08	.02				.01	.01		.01		.01							1.11
CARPENTER 1 SW		.16	.06	.13	.05	.01	.02																			.43
CHICAGO CAL TREAT WKS			.06	.11	.09	.09	.02	.03	.03	.02		.02	.03													.50
CHICAGO LAKEVIEW PUMP		*	*	*	*	*	*	*	*	*	*	*	.57													.57
CHICAGO LOYOLA UNIV		.08	.12	.10	.03	.04	.02	.01	.03	.02	.03	.01	.02											.01		.52
CHICAGO MAYFAIR PUMP ST		.10	.16	.10	.02	.04	.01	.03	.03	.02	.02	.03	.03	.01												.60
CHICAGO N BRA PUMP STA		.08	.11	.10	.03	.03	.02	.02	.02	.03	.02	.02	.01													.49
CHICAGO ROSELAND PUMP			.06	.13	.09	.08	.03	.02	.03	.01	.01	.04														.50
CHICAGO SAN DIST DISPAT		.05	.12	.15	.09	.04	.02	.02	.01	.03	.02	.02	.02	.01												.60
CHICAGO SAN DIST OFF		.04	.13	.17	.09	.03	.03	.02	.01	.03	.02	.02	*	*	*	*	*	*	*	*	*	*	*	*	.05	.64
CHICAGO S FILTER PL			.04	.11	.10	.06	.02	.03		.01	.01	.04	.01	.01												.44
CHICAGO SPRINGFLD PUMP		.09	.11	.08	.03	.04	.03	.04	.06	.02	.02	.02	.02	.01												.57
CHICAGO UNIVERSITY		.07	.09	.07	.07			.04	.04	.01	.01	.02	.02													.44
CHICAGO WB AIRPORT		.05	.12	.15	.08	.05	.04	.01	.04	.01		.03	.05													.63
CHICAGO WB CITY		.06	.12	.12	.08	.07	.01	.04	.04	.01	.01	.02	.04													.62
CISNE BROWN CAMP			.02	.10	.25	.11	.07	.04	.07	.05															.02	.73
COLLINSVILLE		.12	.09	.08	.01		.02	.01																		.33
COULTERVILLE		.08	.12	.18	.10	.04	.08	.02																		.62
CRETE			.01	.02	.01																					.04
DANVILLE HOSPITAL			.02	.03	.05	.10	.07	.05	.03	.03		.02														.40
DIONA		*	*	*	*	*	*	*	*	*	*	*	.68													.68
DOUGLAS		*	*	*	*	*	.58																			.58
DOWNS 2 NE		.04	.04	.08	.08	.02	.02	.03																	.03	.34
DWIGHT STATE REFORM		.15	.14	.10	.06	.02	.02	.03	.01	.01	.02	.02	.01													.59
EFFINGHAM CAA	//	.07	.15	.15	.09	.04	.02	.06																		.58
EVANSTON PUMP STA		.08	.09	.07	.01	.01	.03	.01	.01	.03	.01	.02	.01													.38
FAIRBURY WATER WORKS	//	.02	.09	.06	.11	.02	.01	.05			.03															.39
FARMER CITY		.04	.02	.03	.10	.01	.04	.05	.01																	.30
FULTON DAM 13		.01																								.01
GALATIA				.10	.25	.20	.18	.02	.02	.02					.01											.80
GLENDALE EXP FARM					.22	.25	.28	.14	.08	.03	.01		.02	.02	.01	.01										1.07
GOLCONDA DAM 51					*	*	*	*	*	*	*	*	.90													.90
GREENFIELD		.07	.06	.02	.03																					.18
HOOPESTON				.03	.01	.07	.05	.07	.04	.01																.28
HUTSONVILLE	//							.10	.19	.15	.06	.06	.01	.07												.64
JACKSONVILLE SEWAGE PL		.10	.02	.05	.01	.02																				.20
JOLIET WB AIRPORT	6	*	*	*	*	*	.55	*	*	*	*	*	.11													
KANKAKEE SEWAGE PLANT			.02	.01	.04	.08	.01	.04	.02																	.22
KEWANEE BAKER PARK		*	*	*	*	*	.33																			.33
LANARK		.03																								.03
LOCKPORT LOCK AND DAM		.14	.21	.17	.05	.03	.02	.03	.02		.01	.05	.02													.75
LOCKPORT POWER HOUSE		.13	.18	.16	.06	.03	.02	.01	.02	.02	.01	.01	.03	.01												.69
LOUISVILLE		.02	.13	.17	.21	.11	.05	.03	.03																	.75
MARIETTA		.04	.04	.01	.01	.02	.02			.05	.02															.21
MASON CITY		.12	.07	.03	.01	.01	.01																			.25
MC HENRY		*	*	*	*	*	.33																			.33
MORRISONVILLE		.15	.03	.08	.05	.02	.04																			.37
MT CARMEL WATER WORKS				.01	.10	.09	.16	.09		.05				.02	.04											.56
MURPHYSBORO WATER WORKS	//		.07	.21	.17	.15	.05	.05	.03	.01																.74
PARIS SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	.64													.64
PEORIA LOCK AND DAM	//	.10	.08	.02	.02	.01			.01	.02																.26
PEORIA WB AIRPORT		.02	.03	.03	.04	.05	.02	.01	.01	.01																.22
PITTSFIELD WATER WORKS		.05	.06																							.11
PRAIRIE DU ROCHER W WKS		.18	.20	.19	.09	.09	.04																			.79
PRINCETON 1 S	//	*	*	*	*	*	.54																			.54
PROPHETSTOWN		.01	.01																							.02
QUINCY CAA	6	*	*	*	*	*	.08													*	*	*	*	*	.01	
QUINCY DAM 21			.01	.04	.03																					.08
RICHVIEW		.01	.04	.26	.14	.06	.05	.03	.05																	.64
SKOKIE N S TREAT WKS		.11	.08	.12	.06		.02	.02	.02	.04		.01	.03													.51
SPRINGFIELD WB AIRPORT	//	.06	.08	.05	.02	.01	.02																			.24
SPRINGFIELD WB CITY		.07	.08	.02		.02	.02	.01																		.22
STICKNEY W SIDE TREAT		.07	.14	.11	.03	.03	.02		.03	.03	.03	.03	.09													.61
SULLIVAN WATER WORKS	//	.02	.06	.06	.04	.04	.04	.04																		.30
URBANA EXP FARM				.01	.04	.07	.05	.06	.02																	.25
VANDALIA		.04	.10	.07	.10	.05	.03	.02																		.41
WASHINGTON		.11	.10	.03	.06	.01																				.31
WATERMAN	//	*	*	*	*	*	.68																			.68
WENONA		*	*	*	*	*	.29																			.29
-27th-																										
CAIRO WB CITY		.01																								.01
CHICAGO CAL TREAT WKS				.02	.02	.01																				.05
CHICAGO N BRA PUMP STA					.02	.01							.01													.04
CHICAGO ROSELAND PUMP					.01	.01																				.02
CHICAGO SAN DIST DISPAT				.01	.02	.02	.01																			.06
CHICAGO SAN DIST OFF					.02	.01	.02																			.05
CHICAGO S FILTER PL				.01	.02	.01	.01																			.05
CHICAGO UNIVERSITY				.01	.01	.01																				.03
CHICAGO WB AIRPORT					.01	.02																				.03
CHICAGO WB CITY				.01	.01	.02	.01																			.05
CISNE BROWN CAMP		.04	.02	.02				.01	.01																	.10
DANVILLE HOSPITAL			.02																							.02
DIONA			.01	.01																						.02
DOWNS 2 NE		.02	.01	.02																						.05
DWIGHT STATE REFORM			.01	.02																						.03
EVANSTON PUMP STA		*	*	*	*	*	*	*	*	*	*	*	.04													.04
FAIRBURY WATER WORKS	//	.02																								.02
GALATIA			.05	.01	.02	.02																				.10
GOLCONDA DAM 51												.02														.02
HUTSONVILLE	//	.07	.08	.07																						.22
JOLIET WB AIRPORT	6	*	*	*	*	*	.04																			
KANKAKEE SEWAGE PLANT		.01	.03	.02	.01																					.07
LOCKPORT POWER HOUSE					.01								.01													.02
LOUISVILLE		.02	.02	.01																						.05
MARIETTA				.01	.01	.01																				.03
MT CARMEL WATER WORKS		.01	.01	.01	.01																					.04
NEWTON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RANTOUL CHANUTE AF BASE	//		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SKOKIE N S TREAT WKS			.01	.01																						.02
SPRINGFIELD WB AIRPORT	//						.01																			.01
STICKNEY W SIDE TREAT					.01	.02								.01												.04
WATERMAN	//			.01	.01																					.02
-28th-																										
CHICAGO LOYOLA UNIV												.01														.01
-31st-																										
AUGUSTA HIGH SCHOOL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE SEWAGE PLANT		*	*	-	*	*	*	*	*	*	*	*	*	*	.45	*	*	*	*	*	*	*	*	*	*	*
BRADFORD CAA	6							*	*	*	*	*	.18	*	*	*	*	*	.17	*	*	*	*	*	.02	

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO CAL TREAT WKS										.01	.01	.01	.04	.02	.06	.02		.01			.02				.20
CHICAGO LAKEVIEW PUMP													.01	.01		.01	.01	.01	.01	.01	.01	.01	.01		.10
CHICAGO LOYOLA UNIV													.02			.01			.01	.01					.05
CHICAGO MAYFAIR PUMP ST												.02	.03	.02	.03	.02	.01	.02		.02	.01	.01	.01	.01	.21
CHICAGO N BRA PUMP STA											.02	.04	.03	.02	.03	.03	.02	.01	.01	.02	.01				.24
CHICAGO ROSELAND PUMP													.02	.01	.03	.01	.01		.01		.01				.10
CHICAGO SAN DIST DISPAT											.03	.02	.02	.04	.01	.03		.02	.01	.02	.02				.22
CHICAGO SAN DIST OFF											.03	.02	.02	.04	.01	.02	.01	.02	.01	.01					.19
CHICAGO S FILTER PL											.01	.01	.06	.01	.01	.02	.01	.01		.01	.01	.01			.17
CHICAGO SPRINGFLD PUMP													.02	.03	.01	.02	.02	.02	.02	.05	.02	.02	.01	.01	.25
CHICAGO UNIVERSITY											.02	.03	.03	.02	.02	.03	.01	.01							.17
CHICAGO WB AIRPORT											.02	.03	.04	.02	.02	.02	.01	.01	.01	.02	.01	.01			.22
CHICAGO WB CITY											.03	.02	.01	.03	.02	.02	.01	.01	.01	.02	.01				.19
COULTERVILLE																							.01	.01	.02
CRETE												.02	.03	.02	.01										.08
DIONA																		.02	.02						.04
DOUGLAS							.03		.03	.06	.07	.04				.02	.03	.03							.31
DOWNS 2 NE									.02	.04															.06
DWIGHT STATE REFORM									.05	.02	.02	.04	.04					.02	.03	.02					.24
EVANSTON PUMP STA											.02	.03	.02	.04	.04	.03	.02		.02	.01	.01				.24
FAIRBURY WATER WORKS //										.05	.03	.01						.01	.01						.11
FARMER CITY										.01	.01	.01													.03
FREEPORT SEWAGE PLANT							*	*	*	*	*	*	*	*	*	.30									.30
FULTON DAM 13			.02	.05		.02	.03	.05	.02	.08	.08	.02	.02	.01	.05	.02									.47
GALATIA				.11	.05	.05																	.01	.01	.23
GLENDALE EXP FARM																						.01	.01	.01	.03
GOLCONDA DAM 51																				.01	.01		.02		.04
HUTSONVILLE //																								.01	.01
ILLINOIS CITY DAM 16			.05	.03	.04	.03	.05	.08	.10	.04	.08	.07	.02	.01	.01										.61
JACKSONVILLE SEWAGE PL					.02	.03	.04	.01																	.10
JOLIET WB AIRPORT 6							*	*	*	*	*	.16	*	*	*	*	*	.08	*	*	*	*	*	.03	
KANKAKEE SEWAGE PLANT																			.01	.01	.01	.01			.04
KEWANEE BAKER PARK											.02	.05	.08	.05	.07	.04	.03	.02	.01						.37
LANARK							.04	.03	.07	.05	.08	.01	.07	.03	.02		.02								.42
LOCKPORT LOCK AND DAM									.02	.03	.02	.05	.03	.04	.01			.01	.01	.01		.02			.25
LOCKPORT POWER HOUSE								.01		.02	.03	.07	.03	.04	.01	.01	.01		.01	.01	.01				.26
MARIETTA						.03	.02	.03	.03	.04	.04	.02	.01	.01	.01	.01	.01								.26
MASON CITY								.02	.03	.03	.02	.02													.12
MC HENRY								.03	.03	.04	.05	.04	.06	.04	.02	.01	.03	.06	.03	.01					.45
MOLINE WB AIRPORT //			.02	.02	.03	.02	.01	.02	.04	.13	.12	.11	.07	.03	.04	.01		.01	.01	.01					.70
MORRISONVILLE					*	*	*	*	*	*	*	*	*	*	*	*	*	.09							.09
MURPHYSBORO WATER WORKS //																					.01	.01	.01		.03
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS SEWAGE PLANT																				.09	.01				.10
PEORIA LOCK AND DAM //					*	*	*	.04	.03	.03	.05	.05				.01	.03	.02							.26
PEORIA WB AIRPORT							.01	.03	.02	.04	.05	.02			.02	.01	.04								.24
PITTSFIELD WATER WORKS		.01		.01	.03		.08	.03	.02		.01	.01													.20
PRAIRIE DU ROCHER W WKS																					.02	.01	.01	.01	.05
PRINCETON 1 S //								.06	.03	.03	.04	.04	.05	.03	.02	.01	.03	.02	.01	.01					.38
PROPHETSTOWN				.02	.05	.03	.03	.05	.03	.07	.05	.07	.02	.07	.01	.01	.02	.02	.01			.02			.58
QUINCY CAA 6	*	*	*	*	*	.10	*	*	*	*	*	.26	*	*	*	*	*	.04	*	*	*	*	*	.03	
QUINCY DAM 21					.05	.03		.02	.05	.05	.05	.05	.01	.04											.35
RANTOUL CHANUTE AF BASE //									.01	.01		.01					.04	.03	.04						.14
ROCKFORD CAA 6	*	*	*	*	*	.05	*	*	*	*	*	.26	*	*	*	*	*	.20	*	*	*	*	*	.03	
SKOKIE N S TREAT WKS										.01	.02	.01	.03	.03	.03	.04	.01		.02	.02	.01				.23
SPRINGFIELD WB AIRPORT //							.02	.01	.01	.02	.02	.01			.01		.01								.11
SPRINGFIELD WB CITY							.03	.02		.02	.01						.02								.10
STICKNEY W. SIDE TREAT										.01	.02	.02	.03	.03	.01	.03		.02	.02	.02	.01				.22
SULLIVAN WATER WORKS //																		.02	.02						.04
URBANA EXP FARM									.02	.02															.04
VANDALIA															.01	.02									.03
WASHINGTON									.05	.01	.05	.02			.02			.01							.16
WATERMAN //									.05		.01	.05	.03	.02	.03	.02									.35
WENONA											.07	.04	.01	.01	.01	.01	.03	.04	.01	.01	.01				.25

See reference notes following Station Index.

HOURLY PRECIPITATION

DELAYED DATA

	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									
AUGUSTA HIGH SCHOOL									.30																.30
BELLEVILLE SCOTT AF			-				-	-	-	-	-	-													-
2																									
AUGUSTA HIGH SCHOOL																									
3																									
CHICAGO LAKEVIEW PUMP																	.07	.05							.12
CHICAGO MAYFAIR PUMP																	.03	.07							.10
CHICAGO ROSELAND PUMP																		.63	.46						1.09
CHICAGO S FILTER PLANT																		.30	.21						.51
CHICAGO SPRINGFIELD PL																	.12	.16							.28
4																									
NEWTON							-	-	-	-	-	-	-	-		-									-
5																									
[illegible]							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10																									
AUGUSTA HIGH SCHOOL													-	-	-	-	-	-	-	-	-	-	-	-	-
BELLEVILLE SCOTT AF					.07	.01	.01	.06	.02												.02				.19
NEWTON												.01	.53	.71	.01		.03								1.29
11																									
[illegible]									.03																.51
12																									
BELLEVILLE SCOTT AF								.01	.20																.21
NEWTON								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13																									
AUGUSTA HIGH SCHOOL							-			-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
BELLEVILLE SCOTT AF																	.03								.03
CHICAGO LAKEVIEW PUMP																.02	.02	.36	.01						.41
CHICAGO MAYFAIR PUMP															.09		.20	.01							.30
CHICAGO ROSELAND PUMP														.08	.02	.11			.05						.26
CHICAGO S FILTER PL														.37	.15	.11	.01		.03						.67
CHICAGO SPRINGFIELD PUMP															.15		.01	.38							.54
14																									
AUGUSTA HIGH SCHOOL				-	-	-				.17	.02					.13	-	-	-	-	-	-	-	-	-
BELLEVILLE SCOTT AF																			.23	.30	.14	.01	.20	.02	.90
CHICAGO LAKEVIEW PUMP					.20	.33		.26										.31		.46	.25	1.08	.90	.11	3.90
CHICAGO MAYFAIR PUMP				.07	.15		1.10	.01			.01					.01	.09			.36	.40	1.06	1.06	.18	4.50
CHICAGO ROSELAND PUMP			.01	.26		.24	.06					.09						.01	.72		.13	.06	.63	.14	2.35
CHICAGO S FILTER PL				.14		.16	.10												.10		.05	.04	.68	.13	1.40
CHICAGO SPRINGFIELD PUMP					.22	.43		.44	.02								.14	.10		.36		1.47	1.09	.11	4.38
15																									
BELLEVILLE SCOTT AF	.01																								.01
CHICAGO LAKEVIEW PUMP	.05	.03	.08																						.16
CHICAGO MAYFAIR PUMP	.08	.04	.02																						.14
CHICAGO ROSELAND PUMP	.13	.13	.09	.05																					.40
CHICAGO S FILTER PL	.07	.08	.05	.02																					.22
CHICAGO SPRINGFIELD PUMP	.03	.06	.03																						.12
19																									
NEWTON			-				-	-	-	-	-	-	-	-	-	-	-	-	-						-
21																									
AUGUSTA HIGH SCHOOL	-		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELLEVILLE SCOTT AF	-	-	-	-	-	-	-	-	-	-	-	-													-
22																									
AUGUSTA HIGH SCHOOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23																									
AUGUSTA HIGH SCHOOL													.20												.20
24																									
AUGUSTA HIGH SCHOOL																							.06	.76	.82
NEWTON													-	-	-	-	-	-	-	-	-	-	-	-	-
25																									
AUGUSTA HIGH SCHOOL	.15																		-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP					.15		.25	.77	.01																1.18
CHICAGO MAYFAIR PUMP					.41		.26	.59																	1.26
CHICAGO ROSELAND PUMP							.14	.01	.01																.16
CHICAGO S FILTER PL					.16	.04																			.20
CHICAGO SPRINGFIELD PUMP					.27		.38	.29																	.94
26																									
AUGUSTA HIGH SCHOOL		-		-	-	-	-	-	-	-	-	-													-
BELLEVILLE SCOTT AF							-	-	-	-	-	-	-	-	-	-	-	-							-
CHICAGO ROSELAND PUMP																.06									.06
CHICAGO S FILTER PL																.02									.02
NEWTON														.38	.05	.10	.01								.54
27																									
NEWTON	.39	.17	.02																						.58
28																									
AUGUSTA HIGH SCHOOL		-	-	-	-	-																			-
CHICAGO MAYFAIR PUMP		.01			.01																				.02
CHICAGO ROSELAND PUMP						.01																			.01
CHICAGO S FILTER PL			.01	.01																					.02
CHICAGO SPRINGFIELD PUMP					.01																				.01
JULY 1949																									
1																									
ALEXIS WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROPHETSTOWN																			.05	.14	.06				.25
SPRINGFIELD WB CITY																							.20		.20
2																									
SPRINGFIELD WB CITY		.01																							.01
SULLIVAN WATER WORKS															.02	.05									.07
5																									
CHICAGO LAKEVIEW PUMP													*	*	*	*	*	*	*	*	*	*	*	.95	.95
CHICAGO MAYFAIR PUMP													.06	.02						.08	.05		.08	.47	.76
CHICAGO ROSELAND PUMP													.02	.22	.01					.04			.21	.01	.51
CHICAGO S FILTER PLANT													.12	.63	.03								.04		.99
CHICAGO SPRINGFIELD PUMP											.17								.04	.03	.01		.81	.02	.91
COULTERVILLE		.10																							.10
PROPHETSTOWN																				.03	.01	.01			.05
RANTOUL CHANUTE AF BASE																					.04				.04
SPRINGFIELD WB CITY														.05	.41		.41		.03				.01		.91
STICKNEY W SIDE TREAT														.02						.02	.01		.59	.16	.80
WASHINGTON																			.10	.01	.04	.01	.01	.02	.19
[illegible] VAN																					.02	.08	.02	.01	.43
WENONA																		.09	.30	.51	.20				.80
6																									
ALEXIS WATER WORKS				-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP														.01											.01
CHICAGO MAYFAIR PUMP		.01				.02						.08													.11
CHICAGO ROSELAND PUMP	.01									.07			.19					.07	.05		.02				.41
CHICAGO S FILTER PLANT	.03									.23									.05						.31
CHICAGO SPRINGFIELD PUMP							.02																		.02
COULTERVILLE											.49	.05	.06												.60
PROPHETSTOWN																									.65
RANTOUL CHANUTE AF BASE																.18	.40	.05	.02						.05
SPRINGFIELD WB CITY					.01								.03										.03	.02	.04

See reference notes following Station Index

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JULY 1949 CONTINUED													DELAYED DATA												
STICKNEY W SIDE TREAT							.07					.10	.20												.37
URBANA EXP FARM					.05	.01	.01							.10							38				.55
WASHINGTON																	.23	.04		.01				.01	.29
WATERMAN																.10	.01								.11
													7												
CHICAGO LAKEVIEW PUMP	*	*	*	*	*	*	*	*	*	*	*	.95	*	*	*	*	*	*	*	*	*	*	*	.05	1.00
CHICAGO MAYFAIR PUMP									.21	.24	.03	.01											.10	.07	.66
CHICAGO ROSELAND PUMP																								.02	.02
CHICAGO SPRINGFIELD PUMP									.43	.16				*	*	*	*	*	*	*	*	*	*	.04	.63
NEWTON																	.02	.48	.08					.01	.59
PRINCETON 2 NW														.64	.14	.02	.01	.01	.02	.01					.85
RANTOUL CHANUTE AF BASE	.02																								.02
SPRINGFIELD WB CITY														.01											.01
STICKNEY W SIDE TREAT											.40														.40
SULLIVAN WATER WORKS													.12	.08		.02									.22
WASHINGTON																			.07			.01		.01	.09
													8												
ALEXIS WATER WORKS																		37	.28	.26	.01				.92
CHICAGO MAYFAIR PUMP																				.05					.05
CHICAGO ROSELAND PUMP											.01								.03						.04
CHICAGO S FILTER PLANT												.02													.02
CHICAGO SPRINGFIELD PUMP												.01								.11					.12
NEWTON																				.11					.11
PRINCETON											.01	.02													.03
PROPHETSTOWN												.24	.01			.04	.01								.30
SPRINGFIELD WB CITY																					.06	.03	.77		.86
STICKNEY W SIDE TREAT												.03						.02	.08						.13
SULLIVAN WATER WORKS																			.23	.01					.24
WASHINGTON											.07	.01					.09	.03			.01		.01	.11	.33
WATERMAN												.10													.10
WENONA													.09												.09
													9												
ALEXIS WATER WORKS										.02	.02														.04
CHICAGO LAKEVIEW PUMP	*	*	*	*	*	*	*	*	*	.12				.20	.16										.48
CHICAGO MAYFAIR PUMP														.08	.16										.24
CHICAGO ROSELAND PUMP					.01	.13	1.00	.01		.89	.13				.08										2.25
CHICAGO S FILTER PLANT						.73	.03	.19	.01	.47	.05	.01	.01		.07		.01	.01							1.59
CHICAGO SPRINGFIELD PUMP						.01	.12	.02			.03			.27											.45
COULTERVILLE								.73	.20	.04															.97
NEWTON									.01	.01	.75									.02	.13	.05			.97
PRINCETON 2 NW														.03					.07						.10
PROPHETSTOWN					.02	.08	.28					.15													.53
RANTOUL CHANUTE AF BASE													.30	.01	.04										.35
SPRINGFIELD WB CITY	.03													.05	.01							.10	.01		.20
STICKNEY W SIDE TREAT						.02	.12			.15	.09			.06	.07	.01									.52
URBANA EXP FARM													.20	.27	.18	.07									.72
WASHINGTON	.02	.01								.15															.18
WATERMAN							.20	.22				.13	.05												.60
WENONA		.06	.09	.05		.01							.10	.20											.51
													10												
CHICAGO MAYFAIR PUMP									.01																.01
CHICAGO SPRINGFIELD PUMP			.02																						.02
COULTERVILLE																	.20								.20
NEWTON							.01	.01	.02																.04
SPRINGFIELD WB CITY		.01																							.01
													11												
CHICAGO MAYFAIR PUMP							.01																		.01
SULLIVAN WATER WORKS																								.01	.01
													12												
COULTERVILLE																		.02	.03	.05				.10	.20
SPRINGFIELD WB CITY																			.01						.01
SULLIVAN WATER WORKS	.01	.01	.01																						.03
WASHINGTON							.03	.02							.02	.01									.08
													13												
CHICAGO LAKEVIEW PUMP																								.04	.04
CHICAGO MAYFAIR PUMP																							.09	.42	.51
CHICAGO SPRINGFIELD PUMP																								.01	.01
COULTERVILLE	.10																								.10
													14												
CHICAGO LAKEVIEW PUMP	.53							.41																	.94
CHICAGO MAYFAIR PUMP	.69								.23																.92
CHICAGO SPRINGFIELD PUMP								.06																	.06
													15												
COULTERVILLE												.02													.02
													17												
NEWTON																	.07	.06	.01						.14
SPRINGFIELD WB CITY																			.02						.02
URBANA EXP FARM																		.38	.02						.40
													18												
ALEXIS WATER WORKS									.10																.10
COULTERVILLE													.13	.50	.01										.64
PROPHETSTOWN									.01	.02	.02														.05
SULLIVAN WATER WORKS												.08	.25												.33
WASHINGTON										.12	.13	.03													.28
													19												
NEWTON					.11	.30	.05	.02																	.48
SULLIVAN WATER WORKS			.09																						.09
URBANA EXP FARM			.83	.01	.03																				.87
													20												
ALEXIS WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-													-
CHICAGO ROSELAND PUMP													.02	.04											.06
CHICAGO S FILTER PLANT														.01											.01
COULTERVILLE			.01	.61	.79	.01		.03	.18	.89	.08			.01											2.61
PRINCETON 2 NW										.02	.01		.01											.01	.05
PROPHETSTOWN											.07														.07
RANTOUL CHANUTE AF BASE																							.01	.03	.04
SPRINGFIELD WB CITY							.01	.09	.20	.10	.01	.03	.01	.03											.48
URBANA EXP FARM												.04													.04
WATERMAN												.03													.03
WENONA																								.23	.23
													21												
ALEXIS WATER WORKS					.43	.01		.04																	.48
CHICAGO LAKEVIEW PUMP							.82	.79	.02									.01							1.64
CHICAGO MAYFAIR PUMP							.65	1.32	.52																2.49
CHICAGO ROSELAND PUMP							.33	.44	.32	.06	.07	.01						.03	.02		.04				1.32
CHICAGO S FILTER PLANT						.02	.15	.37	.14	.04	.02								.03						.77
CHICAGO SPRINGFIELD PUMP							.93	.84	.03																1.80
NEWTON																.02									.02
PRINCETON 2 NW						.28	1.40	1.26	.01				.01												2.96
PROPHETSTOWN				.03	1.28	1.20		.05		.01	.01							-							2.58
RANTOUL CHANUTE AF BASE	.01								.05	.01	.01	.01	*	*	*	*	*	*	*	*	*	*	.32	.76	1.17
SPRINGFIELD WB CITY																						.35	.29	.01	.65
STICKNEY W SIDE TREAT						.08	.53	.71	.16	.02	.01														1.51

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DELAYED DATA																									
JULY 1949 CONTINUED																									
URBANA EXP FARM											.01											.21		.04	.26
WASHINGTON							.02	.07	.21	.25												.20	.09	.16	1.00
WATERMAN	.01	.01	.50	.09	.01	.05	.67	.03		.01							.32	.01							1.71
WENONA	.27	.09					.25	.69	.61	.25	.01						.05	.20				.12			2.54
													22												
COULTERVILLE														.16	.09	.01									.26
NEWTON													*	*	*	.99									.99
RANTOUL CHANUTE AF BASE	.04		.01	.09	.01	.03							*	*	*	*	*	*	*	*	*	*	*	*	*
SPRINGFIELD WB CITY			.01	.22	.01																				.24
SULLIVAN WATER WORKS															.02										.02
URBANA EXP FARM	.04	.01		.16	.12	.01																			.34
WASHINGTON	.01	.01																							.02
													23												
NEWTON													*	*	*	.75									.75
PRINCETON 2 NW																	.01								.01
RANTOUL CHANUTE AF BASE	*	*	*	*	.16				.06	.63	.01														1.04
SPRINGFIELD WB CITY																		.01							.01
SULLIVAN WATER WORKS												.75	.30	.03											1.08
WASHINGTON								.13	.19	.03															.35
													24												
CHICAGO MAYFAIR PUMP					.06																				.06
													25												
CHICAGO MAYFAIR PUMP																.01									.01
RANTOUL CHANUTE AF BASE													-	-	-	-	-	-	-	-	-	-	-	-	-
STICKNEY W SIDE TREAT																.01									.01
URBANA EXP FARM																.01									.01
WASHINGTON															.03										.03
													26												
CHICAGO ROSELAND PUMP													*	*	*	*	*	*	*	*	*	*	*	.27	.27
CHICAGO S FILTER PLANT														.04	.01										.05
COULTERVILLE																	.10	.02							.12
PRINCETON 2 NW									.15	.02															.17
RANTOUL CHANUTE AF BASE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
STICKNEY W SIDE TREAT														.03											.03
URBANA EXP FARM										.02	.09	.13	.03		.03										.30
WATERMAN															.01		.01		.08	.04			.01		.15
WENONA										.16															.16
													28												
SULLIVAN WATER WORKS												.05													.05
													29												
ALEXIS WATER WORKS			.07	.01	.07		.01						.01	.05											.22
CHICAGO LAKEVIEW PUMP									.03				.16	.05											.24
CHICAGO MAYFAIR PUMP									.02				.14	.01											.17
CHICAGO ROSELAND PUMP							.01	.01	.01	.06															.09
CHICAGO S FILTER PLANT								.08	.04	.02		.01													.15
CHICAGO SPRINGFIELD PUMP								.09	.01				.02	.02											.14
COULTERVILLE																					.59			.01	.60
NEWTON			.02																						.02
PRINCETON 2 NW								.02																	.02
PROPHETSTOWN		.05	.34	.10	.01																				.50
RANTOUL CHANUTE AF BASE							-	-	-	-	-	-													-
SPRINGFIELD WB CITY																							.07	.04	.11
STICKNEY W SIDE TREAT								.09	.01	.01				.02											.13
URBANA EXP FARM							.03	.19	.05	.03		.02													.32
WASHINGTON			.31																						.31
WATERMAN								.41			.01					.11	.03								.56
WENONA			1.05	.05		.05		.04	.01		.01	.01													1.22
													30												
CHICAGO ROSELAND PUMP				.02	.01																				.03
COULTERVILLE		.25	.08	.10	.05	.01																			.49
SPRINGFIELD WB CITY	.01	.01																							.02
URBANA EXP FARM			.18	.12	.01																				.31
WASHINGTON		.01	.01	.02	.02																				.06
AUGUST 1949																									
													1												
CHICAGO LAKEVIEW PUMP																				.13					.13
CHICAGO MAYFAIR PUMP																				.08					.08
CHICAGO ROSELAND PUMP																				.05	.45	.02			.52
CHICAGO S FILTER PLANT																					.43	.02			.45
CHICAGO SPRINGFIELD PUMP																			.10	.15					.25
MORRISONVILLE																								.03	.03
NEWTON					.09	.02																			.11
													2												
COLLINSVILLE	1.15	1.18	.03					.01	.02																2.39
COULTERVILLE				.10																					.10
MORRISONVILLE	.42	.05	.05	.05	.10			.01	.01		.01														.70
													3												
COULTERVILLE			.27	.18	.02																				.47
													6												
COLLINSVILLE															.02										.02
													7												
CHICAGO S FILTER PLANT				.02																					.02
													10												
ALEXIS WATER WORKS													-	-	-	-	-	-	-	-	-	-	-	-	-
COULTERVILLE																		.83							.83
													11												
ALEXIS WATER WORKS																						.23	.02	.03	.28
CHICAGO LAKEVIEW PUMP								.02	.27	.02	.01	.01										.02			.38
CHICAGO MAYFAIR PUMP	*	*	*	*	*	*	*	*	*	*	*	.30	*	*	*	*	*	*	*	*	*	*	*	.23	.53
CHICAGO ROSELAND PUMP									.25	.01	.06	.04													.36
CHICAGO S FILTER PLANT									.07	.01	.04	.02		.01											.15
CHICAGO SPRINGFIELD PUMP							.44	.04			.01										.05	.02			.56
COLLINSVILLE													.38	.90											1.28
COULTERVILLE														.05				.15	.03	.05					.28
MORRISONVILLE																			.09						.09
NEWTON													-	-	-	-	-	-	-	-	-	-	-	-	-
													12												
ALEXIS WATER WORKS	.01																								.01
COULTERVILLE															.15										.15
													13												
CHICAGO ROSELAND PUMP	.02																								.02
CHICAGO S FILTER PLANT		.02																							.02
													14												
COLLINSVILLE																	.02								.02
COULTERVILLE																			.63	.09	.01	.01			.74
MORRISONVILLE																									
NEWTON												-	-	-	-	-	-	-	-	-	-	-	-	-	-
													16												
COLLINSVILLE									.02	.06															.08
													17												
CHICAGO LAKEVIEW PUMP										.02															.02
CHICAGO MAYFAIR PUMP										.04															.04
CHICAGO SPRINGFIELD PUMP										.01			.34	.11											.46

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DELAYED DATA																									
AUGUST 1949 CONTINUED																									
													19												
ALEXIS WATER WORKS						.24	.39	.12	.15	.06	.06	.01	.02	.01											1.06
COLLINSVILLE																		.02							.02
COULTERVILLE																			.09	.01					.10
MORRISONVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTON													.03	.05	.02	.12	.04	.02							.28
													27												
ALEXIS WATER WORKS														.63	.02										.65
CHICAGO LAKEVIEW PUMP																		.20	.04	.15	.01				.40
CHICAGO MAYFAIR PUMP																	1.25	.77	.06	.15					2.23
CHICAGO ROSELAND PUMP																			.16	.12	.02				.30
CHICAGO S FILTER PLANT																			.02	.08	.01			.01	.12
CHICAGO SPRINGFIELD PUMP													*	*	*	*	*	*	*	*	*	*	*	.46	.46
COLLINSVILLE											.05														.05
COULTERVILLE														.05	.10										.15
MORRISONVILLE					.02	.18			.01	.01															.22
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													28												
CHICAGO LAKEVIEW PUMP				.01																					.01
CHICAGO MAYFAIR PUMP		.01				.01																	.01		.03
CHICAGO ROSELAND PUMP									.01			.01													.02
CHICAGO S FILTER PLANT	.01	.01																							.02
CHICAGO SPRINGFIELD PUMP												.01													.01
COULTERVILLE	.01	.02	.01			.53		.01														.12			.70
													29												
ALEXIS WATER WORKS																			-	-	-	-	-	-	-
													30												
CHICAGO LAKEVIEW PUMP					.15																				.15
CHICAGO MAYFAIR PUMP					.08																				.08
CHICAGO ROSELAND PUMP						.01	.05									.01									.07
CHICAGO S FILTER PLANT								.02						.57	.02										.61
CHICAGO SPRINGFIELD PUMP					.05			.03																	.08
													31												
ALEXIS WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP														.07			.19	.03							.29
CHICAGO MAYFAIR PUMP														.24		.15	.06				.01				.46
CHICAGO ROSELAND PUMP															.28		.06	.01							.35
CHICAGO S FILTER PLANT														.07	.10	.01	.10								.28
CHICAGO SPRINGFIELD PUMP														.01	.07		.43	.03							.54
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-													-
SEPTEMBER 1949																									
													4												
CHICAGO LAKEVIEW PUMP															.92	.04			.03						.99
CHICAGO MAYFAIR PUMP														.05	.91			.04			.01				1.01
CHICAGO ROSELAND PUMP															.18	.28									.46
CHICAGO S FILTER PLANT																	.34								.34
CHICAGO SPRINGFIELD PUMP															.76	.03			.03						.82
													5												
CHICAGO MAYFAIR PUMP			.01																						.01
CHICAGO ROSELAND PUMP							.01																		.01
													6												
CHICAGO LAKEVIEW PUMP																.03	.01								.04
CHICAGO MAYFAIR PUMP															.01	.02									.03
CHICAGO ROSELAND PUMP															.01			.01							.02
CHICAGO S FILTER PLANT																		.03							.03
CHICAGO SPRINGFIELD PUMP															.01	.01									.02
													7												
CHICAGO LAKEVIEW PUMP											.02		.02												.04
CHICAGO MAYFAIR PUMP				.01							.02		.02												.05
CHICAGO ROSELAND PUMP													.02	.02											.04
CHICAGO S FILTER PLANT														.10	.01	.02									.13
CHICAGO SPRINGFIELD PUMP											.03	.01													.04
													8												
CHICAGO MAYFAIR PUMP	.01																								.01
													12												
CHICAGO LAKEVIEW PUMP										.02	.07	.02			.01			.01	.01						.14
CHICAGO MAYFAIR PUMP										.04	.09	.02			.01				.01						.17
CHICAGO ROSELAND PUMP										.01	.08	.01	.05	.03											.18
CHICAGO S FILTER PLANT											.03				.04	.01	.01	.01							.10
CHICAGO SPRINGFIELD PUMP										.05	.05					.01									.11
													13												
CHICAGO ROSELAND PUMP								.01																	.01
													17												
CHICAGO MAYFAIR PUMP																							.10	.09	.19
CHICAGO ROSELAND PUMP																							.01		.01
CHICAGO S FILTER PLANT																							.01		.01
CHICAGO SPRINGFIELD PUMP																							.02	.27	.29
													18												
CHICAGO LAKEVIEW PUMP	.06		.41	.41	.01																				.89
CHICAGO MAYFAIR PUMP	.02		.44	.21	.01																				.68
CHICAGO ROSELAND PUMP		.02	.02		.01																				.05
CHICAGO S FILTER PLANT		.03	.03		.01																				.07
CHICAGO SPRINGFIELD PUMP	.02		.32	.54	.08					.01															.97
													22												
CHICAGO LAKEVIEW PUMP																	.01								.01
CHICAGO MAYFAIR PUMP																	.06								.06
CHICAGO ROSELAND PUMP																		.02							.02
CHICAGO S FILTER PLANT																		.01	.01						.02
CHICAGO SPRINGFIELD PUMP																	.02								.02
													23												
CHICAGO MAYFAIR PUMP							.01																		.01
													28												
CHICAGO LAKEVIEW PUMP																								.04	.04
CHICAGO ROSELAND PUMP																.01		.01		.02	.11			.02	.17
CHICAGO S FILTER PLANT																		.01	.01						.02
													29												
CHICAGO LAKEVIEW PUMP	.03				.03	.04																			.10
CHICAGO MAYFAIR PUMP	.07	.03	.04	.06							.01														.21
CHICAGO ROSELAND PUMP					.01	.01	.02																		.04
CHICAGO SPRINGFIELD PUMP	.08	.03	.01	.04	.04	.01																			.21
OCTOBER 1949																									
													2												
CARPENTER 1 SW									.10	.04		.06								.05		.01		.01	.27
GALATIA																		.05	.05	.04	.01			.04	.19
													3												
CARPENTER 1 SW		.06	.04	.04				.03	.03																.20
GALATIA	.05	.09	.05	.07	.15	.10	.08	.02																	.61
													4												
CARPENTER 1 SW											.09														.09
GALATIA	.13	.01	.03	.06	.07	.10	.10	.13	.20	.02	.05	.04	.01	.04	.01	.03	.01	.01							1.05

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DELAYED DATA																									
OCTOBER 1949 CONTINUED																									
													5												
CARPENTER 1 SW													.06	.13	.14	.07	.03			.02	.26	.56	.65	.18	2.10
GALATIA					.02	.02		.05	.09	.11	.14	.25	.12	.10	.08	.07	.20	.35	.30	.12	.06	.07	.20	.13	2.48
													6												
CARPENTER 1 SW	.09	.02	.05																						.16
GALATIA				.01	.01																				.02
													8												
GALATIA									.02																.02
													10												
CARPENTER 1 SW																			.14	.06					.20
													11												
CARPENTER 1 SW					.17	.26	.19	.19	.01	.05	.03	.18	.36	.21	.05	.08	.02								1.80
GALATIA																			*	*	*	*	*	*	*
													12												
GALATIA	*	*	*	*	*	1.90																			1.90
													14												
CARPENTER 1 SW														.03											.03
													19												
CARPENTER 1 SW												.07	.12		.09	.06				.02	.08				.44
GALATIA																	.04	.01			.03	.10			.18
													20												
CARPENTER 1 SW										.02	.31	.13													.46
GALATIA	.01	.01												1.35	.01		.01								1.39
													21												
CARPENTER 1 SW	.02					.03	.02	.17	.03	.07	.03	.16	.05												.58
GALATIA		.01	.03				.02		.02	.01	.02	.43	.04	.09	.35										1.02
													22												
GALATIA	.06																								.06
													30												
GALATIA													-	-	-	-	-	-							-
NOVEMBER 1949																									
													4												
CHICAGO MAYFAIR PUMP																			.02		.01	.01		.01	.05
CHICAGO ROSELAND PUMP																								.02	.02
CHICAGO S FILTER PLANT																								.02	.02
													5												
CHICAGO ROSELAND PUMP	.02			.01	.01		.02																		.06
CHICAGO S FILTER PLANT	.03	.04	.01																						.08
CHICAGO SPRINGFIELD PUMP												.02													.02
													12												
BELLEVILLE SCOTT FIELD												.09					.01		.17	.10					.37
CHICAGO LAKEVIEW PUMP													*	*	*	*	*	*	*	*	*	*		.20	.20
CHICAGO MAYFAIR PUMP													*	*	*	*	*	*	*	*	*	*		.54	.54
CHICAGO ROSELAND PUMP																		.02							.02
CHICAGO S FILTER PLANT																		.36		.01					.37
CHICAGO SPRINGFIELD PUMP														.10				.04	.03	.02	.02				.21
COULTERVILLE													-	-	-	-	-	-	-	-	-	-	-	-	-
													13												
CHICAGO LAKEVIEW PUMP	*	*	*	*	*	*	*	*	*	*	*	.21													.21
CHICAGO MAYFAIR PUMP	*	*	*	*	*	*	*	*	*	*	*	.39													.39
CHICAGO ROSELAND PUMP						.09	.08																		.17
CHICAGO S FILTER PLANT						.10	.04																		.14
CHICAGO SPRINGFIELD PUMP					.04	.17	.01																		.22
													16												
CHICAGO LAKEVIEW PUMP											.03	.02	.01	.01	.01			.01	.01		.01				.11
CHICAGO MAYFAIR PUMP											.03	.01	.02	.02	.01		.01	.01	.03	.01	.01	.01	.01	.01	.19
CHICAGO ROSELAND PUMP											.01														.01
CHICAGO S FILTER PLANT												.02		.01						.06					.09
CHICAGO SPRINGFIELD PUMP											.04	.02	.03	.04	.04	.02	.02	.02	.03	.02	.01	.01	.02	.02	.34
													17												
CHICAGO LAKEVIEW PUMP															.01	.01	.01	.01	.01	.01	.01	.01		.01	.09
CHICAGO MAYFAIR PUMP	.01	.01	.01		.01	.01	.01		.01	.01	.01	.01			.01		.03	.01	.01	.01	.01	.01	.01		.20
CHICAGO ROSELAND PUMP																.01									.01
CHICAGO S FILTER PLANT										.01		.01	.01					.02							.05
CHICAGO SPRINGFIELD PUMP	.02	.01	.02	.02	.01	.02	.02	.01	.02	.02	.01	.02	.02	.01	.02	.02	.05	.01	.02	.02	.02	.01	.02	.01	.43
													18												
CHICAGO LAKEVIEW PUMP	.01	.01		.01	.01		.01	.01		.01															.07
CHICAGO MAYFAIR PUMP	.01	.01		.01	.01																				.04
CHICAGO SPRINGFIELD PUMP	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.01	.01											.20
													20												
CHICAGO ROSELAND PUMP																			.01						.01
COULTERVILLE																							.05	.01	.06
													21												
COULTERVILLE	.01																								.01
													24												
BELLEVILLE SCOTT FIELD								.03														.03	.02	.02	.10
CHICAGO LAKEVIEW PUMP					.01	.05	.07	.08	.04	.03	.04	.01													.33
CHICAGO MAYFAIR PUMP				.01	.01	.05	.10	.09	.04	.03	.03	.02													.38
CHICAGO ROSELAND PUMP					.02	.03	.07	.12	.14	.07	.05	.02													.52
CHICAGO S FILTER PLANT					.02	.03	.07	.11	.05	.04	.06	.09	.01												.48
CHICAGO SPRINGFIELD PUMP					.01	.02	.08	.08	.06	.04	.04	.02													.35
													25												
BELLEVILLE SCOTT FIELD	.01																								.01

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

DECEMBER 1949

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	43		59	52	46	53	42	30	28	40	67	60	32	22	34	43	49	42	44	60	41	32	23	33	37	37	38	49	45	52	45	42.6
	MIN	28		31	29	28	28	24	10	13	24	38	15	13	5	6	20	30	36	36	40	28	14	4	11	31	20	19	22	28	32	40	23.4
ALTON DAM 26	MAX	57	46	57	47	52	56	39	28	30	52	59	45	35	31	31	42	42	50	50	66	58	33	23	46	48	41	46	53	56	58	50	46.7
	MIN	28	22	28	34	30	34	29	18	20	32	42	22	18	15	12	18	28	36	40	44	32	20	16	22	35	32	29	22	25	31	40	27.5
ANNA	MAX	58	52	58	53	55	53	49	38	32	52	68	65	35	38	33	42	39	49	53	65	66	65	38	48	50	49	51	55	58	62	56	51.1
	MIN	30	20	28	37	26	37	33	22	21	30	45	34	23	23	14	19	30	37	44	50	57	27	20	27	29	42	38	28	28	31	40	31.3
ANTIOCH	MAX	32	29	43	43	37	35	34	27	26	36	59	59	27	20	25	37	44	39	40	54	52	37	15	27	38	36	32	39	38	38	40	36.7
	MIN	23	8	23	31	23	18	25	9	6	24	36	19	15	5	2	19	27	33	32	38	32	14	00	2	25	24	23	19	25	25	32	20.5
AURORA COLLEGE	MAX	37	32	50	51	41	38	43	30	30		60	65	32	26	27	38	45	40	44	59	42	40	21	30	37	37	30	39	38	45	42	39.6
	MIN	24	3	29	27	23	21	28	13	7	25	25	20	12	6	10	17	25	34	35	40	35	20	- 1	1	20	28	28	15	26	28	36	21.0
BELLEVILLE SCOTT AF	MAX	62	46	58	48	55	57	41	32	32	55	72	52	33	33	31	42	41	47	54	65	64	38	33	48	47	46	48	55	53	60	53	48.5
	MIN	29	23	28	34	30	36	31	23	21	32	52	28	22	18	13	20	29	41	43	52	38	23	21	26	36	38	32	26	27	30	42	30.4
BLOOMINGTON NORMAL	MAX	49	42	53	48	43	49	48	33	30	40	65	64	33	32	27	40	40	40	47	61	50	40	25	36	42	41	37	47	48	55	50	44.0
	MIN	37	19	31	32	23	28	24	21	15	24	40	23	16	17	7	20	30	35	36	45	35	19	8	18	33	32	30	28	29	33	43	26.8
CAIRO WB CITY	MAX	57	46	57	51	52	57	52	38	39	57	71	62	36	37	31	41	46	52	56	67	69	50	37	48	52	53	54	54	56	61	56	51.5
	MIN	33	29	34	34	31	42	35	29	28	39	57	35	28	26	20	23	35	46	47	53	50	29	26	31	38	48	35	31	30	33	46	35.5
CARBONDALE SEWAGE PL	MAX	57	52	58	53	57	54	49	43	33	59	70	66	55	35	32	42	39	52	54	67	67		37	50	50	51	49	57	60	63	57	52.3
	MIN	24	22	29	33	24	30	32	24	22	30	57	37	25	22	16	18	29	35	43	52	60	29	22	28	32	42	30	24	23	24	35	31.0
CARLINVILLE 4E	MAX	56	44	56	48	48	59	49	31	31	48	70	60	33	26	30	42	42	48	50	65	60	44	31	45	46	43	44	52	53	58	51	47.2
	MIN	26	17	29	34	26	30	31	18	17	27	46	26	13	15	5	20	30	35	38	45	33	21	16	19	34	32	32	25	26	31	41	27.0
CARLYLE	MAX	59	42	57	48	53	54	49	34	33	52	70	67	34	30	31	42	41	48	54	65	62	54	35	47	50	47	48	54	56	60	56	49.4
	MIN	24	18	25	35	26	28	31	19	17	28	48	28	20	17	8	18	27	35	40	48	48	22	17	26	35	36	33	28	25	26	39	28.2
CHARLESTON	MAX	49	43	53	50	49	48	48	33	32	43	64	67	32	30	32	40	38	44	51	64	63	63	33	45			46	52	57	59	52	47.6
	MIN	30	20	28	35	26	27	31	20	15	27	41	31	18	16	7	18	29	35	39	49	50	24	14	22			36	26	30	31	41	28.1
CHICAGO HEIGHTS	MAX	39	41	49	44	42	44	40	30	36	36	62	53	33	22	23	39	46										34	42	42	45	48	40.5
	MIN	29	9	32	32	22	24	30	14	10	30	31	23	14	7	3	19	35										29	27	29	29	32	23.2
CHICAGO UNIVERSITY	MAX	35	32	48	48	39	42	34	30	30	45	62	51	31	25	25	38	42	40	47	58	43	42	23	33	41	38	35	35	40	48	48	39.5
	MIN	26	18	31	35	28	32	30	16	17	28	45	24	20	9	9	20	31	37	38	43	30	14	6	17	33	31	30	30	35	32	41	27.3
CHICAGO WB AIRPORT	MAX	37	31	48	46	40	42	33	28	30	43	61	47	31	20	27	39	43	41	44	59	46	41	22	32	39	35	33	43	39	49	46	39.2
	MIN	19	11	30	32	25	23	24	14	12	28	43	19	16	8	6	19	26	36	36	44	38	11	4	14	31	32	29	24	31	29	39	24.3
CHICAGO WB CITY	MAX	36	34	48	46	40	43	35	29	31	44	62	48	31	20	26	37	43	42	45	61	48	44	24	35	42	37	36	44	41	47	49	40.3
	MIN	25	19	33	34	30	34	29	17	17	29	44	23	18	10	12	22	31	39	38	45	39	15	6	18	35	31	30	29	35	32	44	27.8
CICERO	MAX	36	32	48	46	42	41	41	29	30	42	61	59	33	24	28	38	45	41	43	59	59	42	20	31	39	39	35	44	41	48	47	40.7
	MIN	27	14	29	32	24	25	27	14	12	27	37	21	16	8	5	19	26	35	36	41	38	18	2	12	30	32	28	23	33	31	38	24.5
DANVILLE	MAX	47	40	49	47	45	48	48	31	32	48	65	65	33	26	27	38	42	42	49	64	62	57	27	39	47	42	41	48	52	55	50	45.4
	MIN	29	19	29	33	26	24	25	19	12	26	45	29	11	14	5	17	28	36	38	48	51	23	11	25	33	33	33	25	28	30	40	27.3
DECATUR	MAX	51	44	55	47	46	50	48	32	31	45	65	55	35	25	31	42	41	43	49	61	58	50	31	42	47	43	43	52	54	58	51	48.0
	MIN	30	19	30	33	26	30	30	19	16	27	45	25	16	13	8	19	28	35	39	46	37	20	13	22	33	33	31	25	29	34	43	27.5
DIXON	MAX	36	35	54	50	43	40	37	31	30	37	62	58	30	21	30	40	46	40	41	56	47	34	18	29	38	37	35	44	39	48	44	39.7
	MIN	26	12	30	28	21	19	25	12	10	24	33	14	13	3	1	19	28	34	35	40	29	13	- 2	6	27	22	23	19	26	28	37	21.1
DU QUOIN	MAX	58	53	57	53	54	53	47	38	32	52	69	68	39	34	30	42	39	50	56	66	63	63	36	50	48	53	49	55	57	61	55	51.0
	MIN	30	22	30	36	27	37	35	21	21	30	40	39	23	22	14	20	31	39	39	54	39	27	21	28	35	36	37	27	27	39	44	31.3
EAST ST LOUIS	MAX	64	48	59	51	55	60	51	35	32	51	73	63	32	30	32	44	41	48	58	67	64	52	35	49	50	48	51	56	59	59	52	50.5
	MIN	31	25	31	39	33	37	33	22	22	30	50	31	23	20	16	22	31	37	44	47	37	25	20	27	36	35	35	29	29	33	40	31.3
EFFINGHAM CAA	MAX	52	45	55	47	49	49	40	31	33	52	66	52	34	29	30	39	40	45	52	65	64	42	31	44	49	45	45	51	55	59	52	46.5
	MIN	26	19	29	31	26	33	30	18	16	31	50	25	19	16	10	18	28	37	38	49	41	15	15	23	34	38	31	26	28	30	41	28.1
ELIZABETHTOWN	MAX	56	56	59	53	56	57	52	38	33	51	67	65	41	35	32	43	41	51	57	68	70	65	38	51	48	52	51	57	62	65	56	52.5
	MIN	28	24	29	42	24	35	33	24	23	31	50	39	25	26	14	15	31	38	44	49	58	30	21	27	34	34	42	25	26	28	38	31.8
FAIRFIELD	MAX	53	50	58	52	52	56	51	38	30	52	66	60	38	32	30	41	41	48	55	67	67	65	37				50	55	60	63	60	51.0
	MIN	27	21	27	28	28	30	31	23	29	30	50	35	24	21	13	18	23	36	43	51	56	28	20					27	26	33	39	30.3
FLORA	MAX	53	46	55	51	52	53	49	35	33	49	65	65	34	33	32	41	41	47	53	68	86	65	35	47	50	48	46	53	67	59	59	50.0
	MIN	30	23	26	37	30	36	35	22	19	29	49	33	22	21	12	19	26	36	42	50	54	22	20	26	31	41	39	29	27	29	41	30.8
FREEPORT	MAX	33	30	49	43	41	35	33	29	28	35	60	56	26	17	29	39	45	39	40	52	40	31	17	25	37	36	35	43	39	46	43	37.1
	MIN	7	2	28	29	22	17	27	10	6	23	35	14	13	4	00	20	27	34	33	38	27	17	- 7	- 5	15	16	17	16	23	26	38	18.5
FULTON DAM 13	MAX	42	41	55	51	42	40	38	31	36	36	65	61	27	23	32	41	46	43	42	52	40	32	16	26	38	37	35	45	42	48	43	40.2
	MIN	28	23	31	29	24	22	27	13	13	23	35	16	14	7	4	21	32	35	33	39	26	14	00	6	25	17	15	19	26	28	36	22.0
GALESBURG	MAX	53	43	57	48	43	53	32	28	30	47	64	28	33	20	32	43	44	44	46	62	34	38	28	35	38	34	38	48	43	55	46	41.5
	MIN	29	17	32	29	23	31	20	12	13	27	22	18	15	7	6	21	32	36	36	34	25	12	5	12	25	23	22	23	28	33	41	22.9
GALVA	MAX	44	43	55	52	44	54	44	35	30	39	64	58	34	26	32	42	47	43	43	52	44	38	33	32	37	37	37	48	42	52	48	42.9
	MIN	26	18	29	28	20	26	23	11	11	23	38	17	13	5	3	18	27	35	34	42	26	11	00	10	29	17	23	19	28	30	39	21.9
GOLCONDA DAM 51	MAX	56	48	50	50	56	56	54	36	34	52	66	62	34	34	30	40	44	48	56	67	68	62	36	48	50	52	55	55	59	62	56	50.8
	MIN	28	24	30	32	26	36	32	24	24	34	52	32	24	24	16	18	32	42	44	48	58	28	22	28	36	44	31	27	28	28	35	31.8
GREENVILLE	MAX	59	48	55	50	54	54	48	34	32	49	68	61	35	31	33	43	40	46	52	64	64	52	33	46	49	44	49	55	56	59	53	48.9
	MIN	29	22	26	35	29	31	33	19	18	27	48	29	18	17	9	17	25	35	41	49	41	24	16	23	33	36	34	27	29	32	40	28.8
GRIGGSVILLE	MAX	56	47	59	50	47	57	49	32	30	48	73	66	39	31	32	44	48	48	58	67	61	29	40	42	39	43	55	53	52	53	53	48.4
	MIN	34	17	26	29	24	29	26	11	15	21	41	17	15	8	8	16	25	33	37	42	11	7	16	33	22	21	27	30	31	37	43	24.3
HARRISBURG	MAX	56	47	60	52	57	59	50	38	34	54	69	65	40	36	30	41	44	51	57	69	72	65	40	53	53	52	53	58	60	63	56	52.7
	MIN	23	22	25	34	27	31	33	21	21	32	54	34	25	23	15	15	34	43	45	50	50	27	21	29	31	46	38	25	24	25	33	30.8
HAVANA	MAX	53	46	56	48	45	56	47	32	30	51	67	60	35	30	30	42	45	44	47	63	59	35	29	40	40	37	40	52	50	56	49	45.6
	MIN	30	17	30	32	24	28	29	15	16	25	50	21	15	12	7	18	29	36	36	45	30	15	9	18	34	26	28	25	26	27	40	25.6
HENRY	MAX	44	42	55	48	48	49	41	31	30	42	62	59	37	25	31	43	47	42	45	60	48	37	23	36	39	36	35	47	43	56	49	42.9
	MIN	28	19	31	28	20	21	23	14	10	26	40	19	16	7	3	22	31	36	37	45	32	14	2	14	34	27	26	22	26	26	40	23.8
HILLSBORO	MAX	56	46	55	53	49	55	53	33	32	47	67	67	34	32	30	42	40	46	50	64	62	52	32	47	49	45	45	54	54	58	52	40.4
	MIN	27	20	28	32	27	32	32	18	18	26	36	28	17	16	8	20	27	35	40	47	36	23	18	21	27	32	32	25	26	31	41	27.3
HOOPESTON	MAX	44	39	50	45	43	43	46	31	32	40	62	63	33	26	28	39	42	41	48	61	60	59	25	37	45	40	38	47	49	53	48	40.8
	MIN	27	18	26	33	24	23	24	20	12	25	40	29	16	12	3	16	27	35	36	44	42	21	9	22	31	35	33	25	27	30	37	25.9
JACKSONVILLE	MAX	56	49	60	49	48	58	47	32	31	48	71	60	37	27	33	44	44	48	49	66	60	37	32	45	43	38	45	57	56	59	50	40.7
	MIN	27	17	31	32	21	31	29	17	19	28	48	23	14	13	7	20	30	37	39	44	33	19	12	19	36	29	30	25	26	31	43	26.8
JERSEYVILLE	MAX	58	47	60	54	49	59	54	47	30	48	70	60	34	35	33	42	42	47	50	66	67	44	32		47	46	46	54	53	58	53	40.5
	MIN	33	21	28	34	27	34	33	17	19	26	47	26	18	15	12	20	28	36	40	45	32	22	13		23	31	32	28	31	34	48	28.4
JOLIET WB AIRPORT	MAX	37	32	51	44	42	43	35	29	30	44	62	46	33	21	27	39	43	41	43	60	42	39	24	32	38	35	33	40	40	46	47	30.3
	MIN	18	8	30	32	21	20	26	13	8	27	44	18	13	4	1	18	27	36	35	42	37	9	2	12	30	30	23	17	27	29	35	22.3
KANKAKEE	MAX	40	35	51	45	42	46	46	31	31	40	64	63	33	28	26	39	41	41	46	61	59	49	24	34	40	40	35	44	45	49	48	40.5
	MIN	26	16	29	32	26	22	26	16	11	25	39	24	16	8	5	18	26	35	34	43	38	19	7	21	31	32	31	25	29	28	37	25.0
KANKAKEE 4 W	MAX	39	36	50	45	42	43	45	31	30	38	62	63	33	28	27	39	41	40	45	60	59	53	22	35	39	38	34	43	42	49	47	41.9
	MIN	27	14	28	31	22	20	24	15	9	25	37	24	14	9	3	17	26	34	33	42	38	20	6	19	29	32	30	22	28	29	36	24.0
KEWANEE	MAX	41	40	52	46	43	51	36	26	28	41	63	50	33	20	37	40	42	41	46	61	44	29	25	33	36	35	35	44	46	50	44	40.6
	MIN	33	21	32	28	24	24	23	11	8	25	40	16	15	5	1	16	25	28	34	41	25	5	1	10	24	17	24	17	25	27	40	21.5
LA HARPE	MAX	51	48	57	50	48	55	45	31	28	42	67	61	35	28	33	41	48	45	45	64	43	32	25	37	39	37	39	50	50	56	49	44.5
	MIN	31	12	31	29	19	30	27	10	14	25	41	17	13	8	6	20	23	36	36	42	25	14	5	12	32	24	20	23	28	33	43	23.5
LA SALLE	MAX	39	38	55	49	44	48	40	32	31	40	63	61	34	22	31	42	46	43	44	63	47	38	26	34	39	37	34	45	43	50	51	42.2
	MIN	26	20	31	31	27	23	27	17	11	25	38	21	17	8	4	20	29	36	36	43	33	14	5	10	31	27	28	20	27	30	40	24.4
LINCOLN	MAX	52	43	55	48	44	53	43	32	30	44	66	60	34	26	30	40	40	43	48	63	59	39	29	39	43	40	41	50	51	55	50	40.8
	MIN	31	19	30	32	24	29	29	18	15	27	44	23	16	12	7	19	28	36	37	46	34	15	10	20	34	32	31	27	29	34	42	26.8
MARENGO	MAX	33	31	45	43	40	34	33	29	30	35	60	57	30	19	26	37	43	41	40	55	46	35	18	27	37	34	34	40	37	43	41	37.2
	MIN	16	1	22	29	21	17	27	9	6	25	35	18	15	3	00	18	26	33	33	38	33	9	- 3	- 1	22	24	24	18	24	21	36	19.3
MATTOON	MAX	48	44	52	45	45	49	37	30	31	49	57	53	31	25	28	39	38	43	50	62	62	44	29	40	46	42	42	49	51	56	50	44.1
	MIN	25	22	27	33	26	29	30	18	15	30	48	22	19	14	7	18	26	37	38	49	44	15	14	22	33	37	33	26	29	33	40	27.7
MC LEANSBORO	MAX	55	54	57	52	54	54	49	39	38	52	67	66	40	35	35	42	40	49	54	67	69	68	37	49	45	50	51	55	58	62	55	51.5
	MIN	28	24	27	38	29	34	32	24	21	30	50	37	24	23	14	18	29	36	44	49	58	28	19	26	35	39	40	27	27	30	40	31.6

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MINONK	MAX	45	40	54	47	46	48	43	32	31	38	63	59	34	28	29	40	44	44	45	61	57							46	46	46	44	44.4
	MIN	29	18	29	30	22	24	23	20	12	24	36	23	14	9	4	18	27	34	35	43	33	18	4	14	30	27	27	23	30	31	32	24.0
MOLINE WB AIRPORT	MAX	40	43	58	45	43	51	35	25	29	48	67	31	29	20	32	43	47	42	45	57	33	28	21	35	39	28	35	48	41	51	44	39.8
	MIN	24	19	34	31	23	28	22	12	10	29	31	17	14	6	4	22	32	36	36	30	25	8	3	9	27	16	23	19	27	28	41	22.1
MONMOUTH AIRPORT	MAX	41	44	57	50	45	53	42	30	28	38	66	62	32	25	32	43	46	43	44	62	42	31	22	32		36	36	49	45	52	48	42.5
	MIN	31	15	30	29	20	25	23	10	10	25	37	16	14	6	3	19	29	35	35	42	27	13	3	11		18	18	22	25	32	40	22.1
MORRIS 3 NE	MAX	42	35	53	51	42	42	45	30	31	38	63	60	33	28	29	40	44	42	44	61	60	41	21	32	38	38	33	42	42	48	47	41.8
	MIN	26	11	30	30	23	19	25	13	8	25	37	22	14	7	2	18	27	35	33	41	35	21	3	12	30	29	28	21	27	28	36	23.1
MORRISON	MAX	37	40	57	48	43	41	36	28	28	37	63	58	29	20	31	41	48	41	42	52	52	34	18	28	38	38	35	46	40	49	42	40.0
	MIN	21	17	27	26	19	18	23	9	10	24	36	15	12	5	1	19	28	35	36	39	27	10	- 2	4	28	17	17	19	26	29	36	20.4
MORRISONVILLE 1 E	MAX	55	46	55	52	47	53	53	32	31	47	67	67	34	27	30	40	42	44	49	63	62	52	31	43	48	45	44	52	53	58	52	47.5
	MIN	25	18	20	34	26	30	30	17	15	28	46	27	17	14	8	20	29	36	38	48	35	21	16	22	34	34	32	27	28	33	42	27.4
MT CARMEL	MAX	52	55	55	50	53	54	50	40	40	52	65	65	40	36	30	40	40	48	56	68	68	65	35	48	48	50	54	55	48	62	53	50.8
	MIN	28	23	28	38	30	30	33	23	28	32	50	38	24	22	14	16	28	36	44	46	55	27	21	28	32	42	40	27	26	32	40	31.6
MOUNT CARROLL	MAX	39	34	54	49	42	38	36	29	26	35	62	60	26	19	30	40	45	41	41	52	41	30	20	26	37	36	35	45	40	46	43	38.6
	MIN	23	14	30	29	24	18	26	12	11	23	35	14	14	4	1	20	29	35	33	39	26	20	- 5	00	25	15	13	17	25	27	38	20.5
MT VERNON	MAX	56	48	58	51	56	53	45	35	34	42	67	65	35	34	32	40	38	47	55	66	67	65	38	50	50	48	49	56	60	58	56	50.5
	MIN	24	18	23	33	23	30	29	20	18	27	51	30	19	18	9	13	26	34	40	47	52	22	17	24	30	40	35	35	22	23	29	27.9
NEW BURNSIDE	MAX	57	50	57	52	55	57	51	37	34	53	68	67	34	36	29	41	40	51	56	66	70	66	38	48	50	51	54	56	59	63	56	51.7
	MIN	30	20	29	33	27	37	34	22	21	31	52	32	23	21	13	16	30	38	44	50	58	27	20	26	32	44	34	29	26	31	40	31.3
NEWTON	MAX	54	46	58	49	51	52	50	34	35	48	66	57	38	30	32	44	43	47	49	63	58	43	41	44	49	46	50	54	56	63	55	48.5
	MIN	33	21	32	34	33	32	31	22	17	29	46	27	19	17	7	20	30	37	41	46	40	17	21	24	33	33	29	27	31	36	45	29.4
OLNEY RADIO STA	MAX	53	92	47	53	47	50	52	42	33	37	58	65	40	31	31	41	42	46	54	67	65	54	34	46	48	46	48	53	58	60	55	48.9
	MIN	25	46	23	28	28	28	32	23	20	22	36	40	21	12	12	20	31	31	42	49	55	26	20	20	34	40	40	25	25	30	42	29.1
OTTAWA	MAX	39	36	55	49	45	47	43	32	31	39	63	60	35	22	29	41	46	42	45	61	50	39	23	34	39	38	35	45	42	49	48	42.0
	MIN	26	18	32	31	27	23	26	17	12	26	39	22	17	8	5	19	29	38	36	44	35	14	4	11	31	28	28	22	29	29	39	24.7
PALESTINE	MAX	50	46	54	47	48		44	35	33	51	63	63	37	31	29	39	39	49	54	68	64	63	36	47	49	48	48	53	56	57	52	40.4
	MIN	26	22	27	35	26		30	26	16	29	50	31	22	17	9	15	25	36	39	46	52	25	25	23	34	37	32	26	26	27	38	29.1
PANA	MAX	54	45	56	46	48	52	45	32	32	44	67	60	33	26	30	42	41	46	50	63	62	52	32	44	49	44	44	53	55	59	56	40.2
	MIN	28	19	28	31	26	27	29	17	15	26	40	26	17	15	6	17	27	34	38	47	37	20	14	20	32	33	31	24	26	29	40	26.4
PARIS WATER WORKS	MAX	47	46	51	48	46	48	50	34	32	44	65	66	32	26	29	38	40	44	51	65	63	61	30	42	48	45	45	50	54	57	49	40.6
	MIN	27	20	26	34	23	24	28	21	15	28	44	30	18	15	7	17	28	36	39	48	52	24	14	24	33	39	32	27	29	28	38	28.0
PEORIA WB AIRPORT	MAX	49	42	54	46	44	53	34	27	30	50	64	41	34	22	30	40	44	42	47	62	40	32	29	37	38	33	36	48	50	55	48	40.0
	MIN	22	17	30	32	23	29	23	15	14	30	41	17	15	10	8	19	28	36	38	40	31	9	7	16	33	25	28	22	30	34	41	24.6
PONTIAC	MAX	43	38	53	47	42	49	49	33	30	39	63	60	34	29	28	39	41	41	47	61	58	50	25	35	38	38	36	47	44	52	47	40.1
	MIN	30	19	30	30	24	24	20	12	25	38	23	15	10	6	18	25	35	33	43	35	16	7	16	31	30	29	27	29	30	38	24.9
QUINCY	MAX	54	49	56	49	47	50	43	29	28	51	70	56	36	27	34	48	46	46	52	66	41	28	31	36	41	37	43	53	52	58	51	45.4
	MIN	33	22	36	32	25	36	29	14	18	28	49	19	16	12	13	25	33	38	41	41	28	17	9	19	35	22	28	29	29	38	46	27.7
QUINCY CAA	MAX	55	48	54	49	48	57	37	26	30	52	69	29	36	24	33	46	44	46	51	66	34	31	30	36	40	33	41	52	52	59	49	40.8
	MIN	21	16	32	24	22	28	18	11	17	30	29	14	12	9	9	22	29	36	39	33	23	15	7	15	33	22	26	26	30	33	43	23.4
RANTOUL CHANUTE AF	MAX	47	40	51	48	43	47	33	29	31	47	64	51	33	24	27	31	41	42	49	61	60	47	27	37	43	39	38	44	50	50	48	42.6
	MIN	26	22	27	32	26	22	27	17	15	28	47	21	18	12	8	15	24	36	36	47	43	11	11	25	31	35	34	26	30	30	37	26.4
ROBERTS 3 N	MAX	46	40	51	45	43	45	47	32	32	39	62	62	34	31	27	39	41	41	46	60	59	51	24	36	41	39	37	45	45	52	47	43.2
	MIN	29	18	28	32	23	21	24	20	12	25	37	25	10	11	4	17	25	33	33	42	39	19	8	19	29	32	31	26	29	28	35	24.6
ROCKFORD	MAX	33	30	47	45	45	40	38	31	29	35	61	57	28	24	29	38	45	40	41	59	45	35	18	26	37	36	35	47	40	44	43	38.7
	MIN	23	6	26	29	23	20	28	12	10	24	35	16	15	4	3	18	28	35	34	35	31	15	- 1	00	22	22	22	20	24	23	36	20.6
ROCKFORD CAA	MAX	32	30	45	42	39	35	34	22	28	42	62	34	26	18	27	38	44	39	42	52	37	33	16	30	37	34	34	46	38	43	43	36.2
	MIN	11	- 5	24	29	18	18	22	10	7	26	34	17	10	1	00	18	30	33	33	37	31	3	- 2	- 5	30	22	22	19	24	27	37	18.7
RUSHVILLE	MAX	55	47	57	51	50	56	39	14	31	30	46	66	61	38	27	32	45	44	43	46	63	46	32	28	38	40	38	41	54	52	57	49	45.4
	MIN	33	19	31	32	24	33	29	15	18	26	43	22	14	12	9	20	30	36	37	44	29	15	9	17	34	24	27	25	28	34	43	26.2
SPARTA	MAX	61	52	58	53	64	58	52	39	32	51	69	68	33	33	34	43	40	50	51	56	65	65	37	50	49	48	46	57	60	67	55	51.8
	MIN	28	21	28	37	30	37	35	22	21	30	49	33	21	20	13	17	30	36	42	49	52	27	19	26	33	38	35	26	26	27	41	30.6
SPRINGFIELD WB AIRPORT	MAX	55	44	56	47	46	56	36	28	31	52	67	44	35	24	29	40	40	43	48	62	45	30	30	41	44	37	42	52	52	56	50	44.0
	MIN	24	17	31	29	22	29	26	15	15	31	44	19	15	12	8	22	30	37	39	45	30	15	15	22	36	31	29	27	30	37	44	26.6
SPRINGFIELD WB CITY	MAX	54	45	56	48	45	57	37	29	31	52	67	48	33	24	30	40	41	44	48	65	47	32	31	41	45	40	43	52	51	56	51	44.6
	MIN	29	24	31	35	30	34	29	20	18	31	48	23	20	15	13	22	31	38	40	47	32	17	16	24	36	32	33	31	34	36	45	29.5
STOCKTON	MAX	37	29	50	42	40	34	33	28	25	33	60	58	23	16	28	38	44	41	38	48	39	29	13	20	37	35	33	43	39	43	31	36.0
	MIN	17	14	26	28	20	18	25	8	6	22	32	12	11	1	00	19	28	34	33	37	24	9	- 6	- 7	17	12	12	15	19	23	35	17.5
SYCAMORE	MAX	32	32	47	47	40	37	37	29	28	38	60	53	30	18	20	38	43	40	41	57	42	35	18	28	36	34	34	39	37	41	38	37.1
	MIN	15	4	27	28	20	19	27	11	8	23	37	17	13	4	00	17	25	33	34	39	31	10	- 2	00	25	24	24	17	22	25	35	19.7
TABLE GROVE	MAX	52	46	56	49	48	55	41	30	30	45	65	57	36	25	31	44	44	40	45	62	44	33	26	36	38	36	39	52	48	55	47	43.7
	MIN	29	19	31	30	22	30	30	13	15	30	45	19	15	10	9	21	29	35	37	44	29	13	8	16	32	23	26	25	31	31	43	25.5
TUSCOLA	MAX	48	46	53	49	50	48	48	34	31	41	64	64	36	30	30	38	40	44	50	63	52	56	30	42	44	43	44	50	55	56	49	46.4
	MIN	26	18	24	33	24	24	27	20	14	27	40	28	14	14	4	16	26	34	36	47	48	23	13	22	32	36	35	24	28	32	36	26.6
URBANA	MAX	47	39	52	45	44	48	46	32	28	42	64	62	32	27	28	38	40	41	48	61	60	52	39	38	43	44	40	48	51	54	48	44.6
	MIN	31	20	28	34	24	25	27	22	15	26	42	27	18	15	6	18	28	37	38	48	46	26	11	24	32	36	34	27	30	32	38	27.9
VIRDEN	MAX	57	44	56	46	48	56	48	32	31	47	67	58	34	28	29	40	41	44	48	64	60	43	30	43	45	42	43	52	52	55	50	46.2
	MIN	31	18	33	31	29	31	30	18	17	26	45	25	11	14	9	18	27	35	39	46	33	20	16	23	33	31	31	27	30	33	41	27.5
WALNUT	MAX	40	39	54	50	41	51	45	31	30	37	62	58	29	29	29	41	45	41	43	59	47	35	20	30	38	38	35	43	40	45	45	41.0
	MIN	28	20	30	28	22	25	25	13	10	24	36	18	15	6	5	22	29	35	35	40	29	14	1	8	29	27	21	21	28	29	35	22.8
WATSEKA	MAX	42	36	49	47	41	46	46	31	32	40	63	63	32	27	26	37	42	40	47	61	60	54	23	35	43	41	36	45	44	50	47	42.8
	MIN	27	19	28	33	25	21	26	20	13	26	40	27	17	12	6	18	28	36	35	43	42	21	10	23	31	35	33	26	27	28	36	26.2
WAUKEGAN	MAX	32	31	46	45	39	36	35	27	29	38	60	57	29	19	27	37	45	41	41	57	55	36	17	31	38	36	32	40	38	39	42	37.9
	MIN	20	7	28	31	24	18	22	8	7	25	37	19	13	5	1	18	27	33	33	37	33	14	00	2	30	26	24	18	28	31	32	21.0
WHITE HALL 1 E	MAX	57	47	60	49	48	58	54	33	30	48	70	63	39	35	31	44	42	47	49	68	61	37	32	45	45	44	45	55	55	59	54	48.5
	MIN	30	18	29	34	26	31	30	16	19	26	47	23	14	13	8	20	28	31	39	45	31	21	13	23	35	29	30	25	26	31	42	26.9
WINDSOR	MAX		50	53	49	45	49	47	31	31	42	64	65	34	36	28	39	39	43	49	62	62	57	30		47	40	41	49	51	57	51	46.2
	MIN		19	27	34	26	27	31	18	12	26	42	28	11	14	6	18	27	27	37	42	45	22	14		18	35	33	26	30	32	38	26.4

JUNE 1949 — DELAYED DATA

FULTON DAM 13	MAX	82	78	83	83	78	82	75	74	76	89	87	87	82	75	81	81	81	88	88	89	84	87	83	85	83	84	89	84	90	92		83.4
	MIN	61	59	68	63	62	62	55	44	52	59	63	65	70	63	59	59	51	64	69	68	69	66	68	66	68	74	71	68	72	71		63.8
JERSEYVILLE	MAX	77	80	83	84	82	83	81	79	79	80		86	80	80	78	81	83	88	86	88	86	88	90	88								83.0
	MIN	63	64	63	63	64	64	65	50	55	61	67	63	62	66	61	55	59	63	66	64	68	58	64	67								62.2
JULY 1949																																	
FAIRFIELD	MAX	90	93	89	90	92	90	89	89	91	90	87	89	83	90	90	80	84	90	88	85	90	90	91	91	88	90	90	92	93			89.3
	MIN	75	75	74	74	73	75	71	74	75	71	67	67	71	71	70	68	66	66	68	72	73	74	71	72	71	72	71	69	72			71.3
NEWTON	MAX	97	98	93	97	95	90	93	92	92	90	89	85	86	89	90	90	90	89	97	94	93	89	91	93	90	94	94	93	96	88	84	91.6
	MIN	74	75	72	75	75	74	73	76	74	73	64	65	69	70	71	65	63	68	73	72	72	73	71	72	70	73	73	72	75	66	59	70.9
AUGUST 1949																																	
CARLYLE	MAX	86	78	81	85	86	91	92	94	94	95	94	84	88	89	85	84	91	91	80	76	78	81	84	87	88	91	85	81	85	87	83	86.3
	MIN	57	64	63	63	63	65	67	68	67	70	70	69	69	70	71	72	69	68	65	57	51	52	52	54	57	65	65	64	53	63	58	63.3
OLNEY	MAX	88	86	85	88	89	92	94	95	95	97	96	88	90	92	86	85	91	92	81	80	78	83	85	88	92	89	85	81	84	88	80	87.8
	MIN	54	65	67	69	68	64	67	67	73	69	70	70	69	72	69	71	72	67	67	59	57	55	55	57	59	63	69	66	58	57	58	64.6
PARIS WATER WORKS	MAX	82	80	81	85	87	89	91	95	93	93	95	86	87	88	83	87	89	89	79	76	78	82	85	89	93	90						86.6
	MIN	54	64	65	61	59	63	67	69	69	69	69	70	71	72	72	71	65	66	53	51	52	53	56	62	67							63.8
SEPTEMBER 1949																																	
DECATUR	MAX	72	82	88	87	75	75	81	75	79	83	74	70	66	62	70	62	74	81	73	79	70	76	66	72	75	80	80	69	63	74		74.4
	MIN	45	49	53	54	60	53	64	48	46	48	59	62	52	40	49	45	57	60	50	41	58	46	41	38	43	47	55	47	35	33		49.3
NOVEMBER 1949																																	
MINONK	MAX	55	18	46	51								69	56	55	48	43	40	38	58	58	37	39	42	40	33	41	42	54	55	50		47.7
	MIN	22	12	25	32													30	25	34	37	23	13	27	27	22	18	31	29	33	30		

See reference notes following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ANNA	SNOWFALL									0.2			T											T							
	SN ON GND									T																					
ANTIOCH	SNOWFALL	6.0						1.0			T												1.0		T	T	T				
	SN ON GND	6	6	1	T	T	T	1	1	1	T												1	1	1	T	1	1	1	T	T	T
AURORA COLLEGE	SNOWFALL	2.1						0.1		T	T												0.7	0.2	0.8		3.6					
	SN ON GND	3	2					T	T	T													1	1	2	T	4	4	3	3	1	1
BELLEVILLE SCOTT AF	SNOWFALL									T													T	T							
	SN ON GND																						T	T							
BLOOMINGTON NORMAL	SNOWFALL										1.0												0.1								
	SN ON GND																						T								
CAIRO WB CITY	SNOWFALL									T								T					T								
	SN ON GND																														
CARLINVILLE 4 E	SNOWFALL									0.5			T										T								
	SN ON GND									T																					
CHICAGO WB AIRPORT	SNOWFALL	2.4					T	0.2	T	T	T												0.6	1.0	T	0.1	1.0	T			
	SN ON GND	2	2					T	T	T													1	1	1	T	1	T	T	T	T	
DANVILLE	SNOWFALL										-												T								
	SN ON GND										1																				
DECATUR	SNOWFALL									T																					
	SN ON GND									1																					
DIXON	SNOWFALL	0.5								T	T												1.0	T	T	T	T				
	SN ON GND	T																					1	1	1	T	T				
EFFINGHAM CAA	SNOWFALL									0.8													T	T							
	SN ON GND									1																					
GALVA	SNOWFALL										T												0.5				0.9				
	SN ON GND										T												T	T			1	1	T		
GOLCONDA DAM 51	SNOWFALL										1.0												T	T							
	SN ON GND																														
GREENVILLE	SNOWFALL									2.0																					
	SN ON GND									1																					
HARRISBURG	SNOWFALL									T			T											T							
	SN ON GND																														
HENRY	SNOWFALL									T													0.2			T	1.0				
	SN ON GND									T													T	T			1				
JOLIET WB AIRPORT	SNOWFALL	1.1								0.1	T												0.8	T		T	1.4	0.4			
	SN ON GND	1	T							T													1	1	T	T	1	T	T		
KANKAKEE	SNOWFALL																						T								
	SN ON GND																						T								
LA HARPE	SNOWFALL							T		T	T							T				T	T				1.1	0.2			
	SN ON GND																										1	1			
LINCOLN	SNOWFALL									0.8	T												T								
	SN ON GND									1	T												T	T							
MARENGO	SNOWFALL	9.0					T	T			0.5												1.0		1.0	0.2	0.7				
	SN ON GND	9	4					T	T														1	1	2	1	1	T	T	T	
MOLINE WB AIRPORT	SNOWFALL	T						T		0.2			T									0.6	0.5			1.0	T	T			
	SN ON GND									T	T											T	1	1	1	T	1	T	T	T	
MONMOUTH AIRPORT	SNOWFALL	T						T		T	T											T	T				0.2				
	SN ON GND																						T				1				
MORRISON	SNOWFALL	0.5						T		T	T		T								T	T	1.0			0.2	0.3	T			
	SN ON GND	T	T																				1	1		T	T	T	T		
MOUNT VERNON	SNOWFALL									T																					
	SN ON GND																														
OTTAWA	SNOWFALL	T						T		0.1	0.1												0.6	T			5.0				
	SN ON GND	T								T													1	T			2	T	T		
PEORIA WB AIRPORT	SNOWFALL							T		0.7													0.3			0.9	1.7	T			
	SN ON GND									T													T	T	T	1	1	1	T		
PONTIAC	SNOWFALL	T	T					T			0.5												T				T	T			
	SN ON GND										T												T	T	T		T	T			
QUINCY CAA	SNOWFALL									T													T			T	0.9	T			
	SN ON GND									T													T	T	T		1	T			
RANTOUL CHANUTE AF	SNOWFALL							T	T	2.0													T								
	SN ON GND								T	2	2												T								
ROBERTS 3 N	SNOWFALL										1.0												T	T							
	SN ON GND										T												T	T							
ROCKFORD CAA	SNOWFALL	6.6						T		0.6	T		T									T	0.8	2.0	T	T	T				
	SN ON GND	7	7	T						T	T												1	1	1	T					
SPARTA	SNOWFALL									T			T										T	T							
	SN ON GND									-			-										-	-							
SPRINGFIELD WB AIRPORT	SNOWFALL						T			0.3													0.1	T			T				
	SN ON GND									T													T								
STOCKTON	SNOWFALL	4.0						T		T	1.0											1.0	1.0		T						
	SN ON GND	4	3	T	T					T	T											1	2	2	2	1	1	1	T	T	T
SYCAMORE	SNOWFALL	3.5						T															0.2	0.5	0.8	T					
	SN ON GND	4	4	3																			T	1		T	4	3	2	1	1	T
TABLE GROVE	SNOWFALL							T		0.4	T											T	0.3	T			1.3				
	SN ON GND									T													T	T			1	T			
TUSCOLA	SNOWFALL									-																					
	SN ON GND									1																					
WHITE HALL 1 E	SNOWFALL									T													T								
	SN ON GND									-													-								

See reference notes following Station Index

STATION INDEX

Station	Index No	County	Drainage †	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
A[illegible]	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
A[illegible]	0072	MERCER	4	41 12	90 41	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	[illegible]	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 2 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5 7
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J FONT	3
ANTIOCH	0203	LAKE	[illegible]	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5 7
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA [illegible]	0338	KANE	[illegible]	41 45	88 20	744	7P	7P	PHY'S DEPT AURORA C	2 3 5 7
BARRY	0445	PIKE	4	39 42	91 02	740		5P	GLADYS DUDLEY	3
[illegible]	0492	CASS	1	40 01	90 26	444		7A	MATTHEW W DART	3
[illegible] LA GRANGE LOCK	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
[illegible]	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5 7
[illegible] SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
[illegible]	0598	HANCOCK	4	40 20	91 07	67[illegible]		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 5[illegible]	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5 7
[illegible]	078[illegible]	[illegible]	[illegible]	39 45	[illegible]	467		6P	HUGH MOORE	3
[illegible]	0873	BUREAU	1	41 13	[illegible]	795		MID	U S CIVIL AERO ADM	3 4
[illegible] DAM 52	0993	MASSAC	5	37 [illegible]	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	[illegible]	ALEXANDER	4	37 [illegible]	[illegible]	314	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 33	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE [illegible]	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5 7
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER[illegible]	[illegible]	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA [illegible] W	1386	MARION	[illegible]	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
[illegible]	1412	CASS	1	40 [illegible]	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN IS	1420	GRUNDY	1	41 24	88 17	51[illegible]		7A	CORPS OF ENGINEERS	3
[illegible]	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM B DYKES	2 3 5
[illegible]	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	38[illegible]		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	59[illegible]		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	2 3 5
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 4[illegible]	651		MID	CTY ENGR WTR PURI	3 4
CHGO [illegible]	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO [illegible]	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO [illegible] PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PLANT	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 41	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	[illegible]	41 47	87 36	59[illegible]	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	825	MID	MID	US WEATHER BUREAU	2 3 4 5
[illegible]	1627	PEORIA	1	40 5[illegible]	89 29	490		6P	DAVID H DUGAN	3
CICERO	1618	COOK	3	41 51	87 4[illegible]	608	7P	7P	GEORGE D LUKES	2 3 5
[illegible]	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
[illegible]	182[illegible]	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1941	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
[illegible]	2011	WILL	3	41 27	87 38	[illegible]		MID	VILLAGE OF CRETE	3 4
[illegible]	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5 7
[illegible]	2143	VERMILION	7	40 08	87 39	[illegible]		MID	LAKEVIEW HOSPITAL	3 4
[illegible]	2145	VERMILION	7	40 08	87 39	555		7A	BEN BURT	3
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURR COONRADT	2 3 5 7
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
[illegible]	2330	COLES	7	39 2[illegible]	88 08	6[illegible]		MID	MAURICE L REED	3 4
[illegible]	2338	LEE	6	41 50	89 29	69[illegible]	6P	6P	PAUL T SHUCK	2 3 5 7
[illegible]	2397	KNOX	1	40 47	90 05	650		MID	WILLARD D STAGGS	3 4
[illegible]	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
[illegible]	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNEIZCER	2 3 5
[illegible]	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
[illegible]	2502	LIVINGSTON	1	41 [illegible]	88 28	641		MID	ST REF FOR WOMEN	3 4
[illegible]	2614	ST CLAIR	4	38 37	90 07	413	7P	7A	UNION ELE OF ILL	2 3
[illegible]	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
[illegible]	2687	EFFINGHAM	7	39 09	88 32	6[illegible]2	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
[illegible]	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
[illegible]	2770	HARDIN	5	37 27	88 18	357		5P	US FOREST RANGER	2 3 5
[illegible]	2806	JERSEY	4	38 57	90 22	4[illegible]		5P	THE PRINCIPIA COLL	3
[illegible]	2888	COOK	3	42 0[illegible]	87 41	[illegible]		MID	CHGO SANITARY DIST	3 4
[illegible]	2923	LIVINGSTON	1	40 44	88 31	691		MID	DEPT OF WTR WORKS	3 4
[illegible]	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
[illegible]	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
[illegible]	3169	CLAY	7	38 40	88 29	490	6P	6P	ESTALOY M MC DANNEL	2 3 5
[illegible]	3257	STEPHENSON	6	[illegible]	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
[illegible]	3262	STEPHENSON	6	42 [illegible]	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	6	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
[illegible]	3304	SALINE	5	37 [illegible]	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 2[illegible]	603		6P	ORRIN A MERRIFIELD	3
[illegible]	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 [illegible] 5
GALVA	3335	HENRY	[illegible]	41 1[illegible]	90 02	849	[illegible]	6P	ARTHUR E JOHNSON	2 3 5 7
[illegible]	3384	HENRY	6	41 2[illegible]	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
[illegible]	345[illegible]	HENDERSON	4	40 5[illegible]	91 [illegible]	538		[illegible]	CORPS OF ENGINEERS	3
[illegible]	3482	POPE	5	37 2[illegible]	88 41	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5 7
[illegible]	[illegible]	ADAMS	1	40 06	91 01	7[illegible]		6P	G W NETHERY	3
[illegible]	[illegible]	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
[illegible]	3580	PULASKI	5	37 12	89 03	380		6A	CORPS OF ENGINEERS	CLOSED
GRAND TOWER 2 N	[illegible]	JACKSON	4	[illegible]	89 30	367		3P	JOHN A DICKSON	3
[illegible]	3666	GREENE	1	39 2[illegible]	90 12	[illegible]		MID	FRED S PEWTER	3 4
[illegible]	3683	CUMBERLAND	7	39 1[illegible]	88 10	554		4P	ETTELBRICK SHOE CO	3
[illegible]	3693	BOND	[illegible]	[illegible]	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5 7
[illegible]	[illegible]	MC LEAN	1	40 [illegible]	88 53	[illegible]		6P	EZRA D STOLLER	3
[illegible]	3717	PIKE	1	39 4[illegible]	90 44	685	6P	[illegible]	MRS ELLEN B HARVEY	2 3 5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	700		6P	A B CAMPBELL	3
[illegible]	[illegible]	SALINE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 3 5 7
[illegible]	3884	SALINE	5	37 44	88 [illegible]			6A	W HARRISON KIBLER	3
[illegible]	3930	MASON	1	40 18	90 03	451	7P	[illegible]	[illegible]	2 3 5
[illegible]	3940	MASON	[illegible]	[illegible]	[illegible]	[illegible]		7A	[illegible]	3
[illegible]	4017	MARSHALL	[illegible]	[illegible]	89 22	4[illegible]	[illegible]	[illegible]	C HADDON PERDEW	2 3 5 7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6P	[illegible]	[illegible]	2 3 5
[illegible]	4198	VERMILION	[illegible]	[illegible]	87 40			6P	[illegible]	2 3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	740		[illegible]	[illegible]	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87 40				FD S DRY	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				ILL PUBLIC SERV CO	3
[illegible]	4355	ROCK ISLAND	[illegible]	[illegible]	[illegible]			[illegible]	CORPS OF ENGINEERS	3 4
[illegible]	4442	MORGAN	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	2 3 5
[illegible]	4447	MORGAN	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	3 4
[illegible]	4489	JERSEY	[illegible]	[illegible]	[illegible]				[illegible]	2 3 5
[illegible]			[illegible]	[illegible]				7A	CORPS OF ENGINEERS	3
[illegible]	4535	WILL	[illegible]	[illegible]	[illegible]			MID	[illegible]	2 3 4
KANKAKEE [illegible]	4593	KANKAKEE	4	[illegible]	[illegible]			7P	KANKAKEE WATER CO	2 3 5 7
KANKAKEE [illegible]	4598	KANKAKEE	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	2 3
KANKAKEE SEWAGE PLANT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			MID	[illegible]	3 4
[illegible]	[illegible]	[illegible]	4	[illegible]	90 57			[illegible]	[illegible]	3
[illegible]	4710	HENRY	[illegible]	[illegible]	[illegible]			6P	CASSILS C CONGER	2 3 5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	800		MID	[illegible]	3 4
LA HARPE 1 SW	[illegible]	[illegible]	[illegible]	[illegible]	89 45				[illegible]	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	2 3 5 7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			MID	WILLIAM F AURAND	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52[illegible]		[illegible]	[illegible]	2 5
[illegible]	4951	MARSHALL	[illegible]	[illegible]	89 [illegible]			[illegible]	[illegible]	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	472			FRANK BRAY	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88 46				[illegible]	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89 27		7P	[illegible]	[illegible]	5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			GEORGE L SMITH	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	[illegible]		MID	CARL E FARRELL	[illegible] 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	[illegible]
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5 7
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		[illegible]	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	GILBERT L WOOD	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL	5380	CLARK	7	39 23	87 42	[illegible]		6P	LESTER PARSONS	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	[illegible]	40 12	89 42	581		MID	CHARLES E FLINSPACH	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 [illegible]
MC HENRY 2 S	5498	MC HENRY	[illegible]	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	[illegible] [illegible] [illegible]
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	[illegible]
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	CITY OF MINONK	2 3 [illegible]
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	[illegible]	MID	MID	US WEATHER BUREAU	2 3 4 5 7
MONMOUTH AIRPORT	5768	WARREN	[illegible]	40 55	90 38	770	6P	6P	MARTIN AIRWAYS INC	2 3 5 7
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	GRUNDY	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 49	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 [illegible] 5 7
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	[illegible] 3 5 7
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5 7
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		[illegible]	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	[illegible]	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	[illegible]	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	[illegible]	37 35	88 46	560	7P	7P	MISS MAE MC CABE	2 [illegible] 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY RADIO STATION	6446	RICHLAND	7	38 42	88 04	472	5P	5P	RADIO STATION WVLN	[illegible] 3 5 7
OREGON WATER WORKS	6492	OGLE	6	42 01	89 20	700		6P	GLENN S EDELMAN	3
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	[illegible] [illegible] 5 7
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	[illegible] 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 [illegible] 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	[illegible]	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 38	445		MID	CORPS OF ENGINEERS	3 [illegible]
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5 7
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 20	89 08			7A	JOSEPH S SIKOW	[illegible]
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	[illegible]
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5 7
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	LEWIS TEBEAU	[illegible] 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 40	89 56	625		MID	ILL NORTHERN UT CO	3 [illegible]
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA AP	7072	ADAMS	4	39 56	91 11	670	MID	MID	U S CIVIL AERO ADM	2 3 [illegible] 5 7
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 [illegible]
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 24			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 18	88 09	744	MID	MID	US AIR FORCE	2 3 4 5 7
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7338	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5 7
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA AP	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE	7603	JASPER	7	38 56	88 01	448		7A	JUDSON E CAMERON	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5 7
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6 7
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 49	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5 7
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAECKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5 7
TABLE GROVE	846[illegible]	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5 7
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA 2 E	8604	BUREAU	1	41 16	89 28	512		6P	BERT L HAND	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5 7
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	STATE WATER SURVEY	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	CLOSED
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 23	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 46	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	88 35	385		7A	PAUL F NICHOLS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	89 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5 7
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5
NEW STATIONS										
BLOOMINGTON	0761	MC LEAN	1	40 30	89 01			7A	C C WILLIAMS	3
[illegible]	[illegible]	OGLE	6	42 01	89 20	700		MID	GEORGE J LONG	3 4

† DRAINAGE CODE 1 Illinois, 2 Kaskaskia, 3 Lake Michigan, 4 Mississippi 5 Ohio 6 Rock, 7 Wabash

GPO CH FBO 2-1-50 1,200

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

AGRICULTURAL EXPERIMENT DEPARTMENT
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CLIMATOLOGICAL DATA

ILLINOIS

ANNUAL SUMMARY 1949

Volume LIV No. 13

CHICAGO: 1950

ILLINOIS - 1949

E. W. Holcomb, Section Director - Springfield

WEATHER SUMMARY

Above-normal temperatures and precipitation featured the weather for most of the State in 1949. Only one month, September, was unseasonably cool, while several months were considerably warmer than average. Precipitation was heaviest in the extreme south, but nearly all central stations also registered above-normal rainfall for the year.The northwest portion of the State was driest, precipitation totaling a little under normal over most of that section. Snowfall was deficient in all of the winter months, and the annual total was much less than average. Temperature extremes of the year were 104°,registered at Harrisburg on June 30th, and-23°, which occurred at Freeport on January 20th.

Weather conditions of 1949 were for the most part favorable to agricultural production. The Bureau of Agricultural Economics reported that wheat and soybeans set new record highs for yields per acre, while corn and oat yields were well above average; fruit crops also were outstanding. Most corn was planted early, developed excellent stands, and matured early. In October high winds blew down much corn, making harvesting more difficult. The soybean crop also was planted early and developed rapidly. Winter wheat sowing was completed in the north in October,but wet fields delayed seeding in the south.October's heavy precipitation also hampered southern harvesting operations. Subsoil moisture became very low in the north and central portions during the dry weather of November, but the heavy rainfall of December generally replenished ground moisture.

WEATHER BY MONTHS - 1949

JANUARY - This month was mild and wet, the average precipitation being the second highest of record for that month. The first half of January was especially mild; sub-normal temperatures of importance occurred during only two periods of a few days' duration in the latter half of the month. Ice storms hit the extreme west-central portion on the 10th and 17th-18th, and some southwestern counties on the latter date; damage to utilities in the two storms totaled about $775,000.

FEBRUARY - Temperatures and precipitation were above normal. Cold periods were of short duration, and zero temperatures were confined to the early part of the month. The bulk of the month's precipitation fell between the 12th and 15th.

MARCH - Temperature and precipitation averaged near normal for the State as a whole. The extreme south, however, received moderately heavy precipitation while most central and many northern localities were drier than normal. Temperatures were unseasonably low from the 9th through the 19th, but mild through most of the remainder of the month. On the 30th, a tornado hit rural areas of Jersey and Macoupin Counties, resulting in damage estimated at $35,000.

APRIL - The month was rather dry and cool. Precipitation of consequence occurred mainly after the 14th. Snow fell on the 15th, accumulating to a depth of several inches in portions of the north. The coldest temperatures of the month came on the 16th, with readings as low as 13° near the Wisconsin border.

MAY - Temperatures were above-normal, but precipitation totaled somewhat under the average for the month. Temperatures were above seasonal during most of the first two-thirds of May, but were rather cool from the 20th through the 29th. Precipitation occurred most frequently between the 14th and 27th. Three areas were hit by tornadoes on the 21st. At Wood River 5 persons were killed, 60 injured, and property damage totaled $1,300,000. Palestine had 4 deaths, 7 injuries, and $70,000 damage to property. A third tornado struck rural areas of Brown County, resulting in damage estimated at $40,000.

JUNE - A considerably warmer month and a little wetter than normal. Temperatures were especially high during the last 12 days of the month, when daily maximums often reached the 90's. The coolest weather of June came on the 8th, with temperatures dropping to the 30's near the Wisconsin border. The principal periods of rainfall were the 1st-3d, 13th-15th, and 21st-29th. Lightning set off dynamite in a limestone mine near Valmeyer on the 13th, killing two men and injuring another. Morgan County was hit by high winds and hail on the 23d, property damage and crop loss being estimated at $100,000.

JULY - This was a hot and humid month, temperatures averaging higher than in any July since 1936. Precipitation also was above normal, except in some northwestern and southern areas.The highest temperatures occurred during the first few days of the month,when several stations recorded 100° or more. On the 21st heavy rains flooded sections of Tiskilwa and Danville.

AUGUST - Temperatures were normal, but rainfall was under the August average in most of the State. The warmest weather of the month was registered between the 7th and 11th. Heavy rains hit the Rock Island-Moline area on the 11th, flooding many homes, stores, and factories, and causing one death; property damage approached $1,000,000.

SEPTEMBER - The month was very cool,temperatures averaging lower than in any September except 1918. The first freezing temperatures of the season hit some northern areas on the 24th. Frosts were more general in the north on the 29th, extending to scattered central and southern localities on the 30th.September's precipitation was deficient in the north,but above normal in the south. Little rain fell after the 18th.

OCTOBER - A return of above-normal temperatures marked this month. Rainfall again was rather light in the north,but the central and southern divisions received moderate to heavy amounts.Most of the precipitation and higher temperatures took place during the first three weeks of the month. The majority of central and southern stations registered their first freezing temperatures between the 25th and 27th. On the 10th, high winds blew down much corn in the north and central portions.

NOVEMBER - This was the driest month of the year, as well as one of the driest Novembers on record. Few localities received an inch or more of precipitation during the month. Temperatures averaged above normal in November, with the warmest weather occurring between the 7th and 12th. A windstorm struck several central counties on the 13th, damaging about 100 new corn storage bins.

DECEMBER - Dry conditions which had prevailed since late October ended. Precipitation, mainly in the form of rain,totaled heavier than in any December since 1895.Temperatures also averaged well above normal for the month.On the 11th,a tornado damaged several farm buildings in Madison County. The Pana-Dollville area also was struck on the 11th by a severe storm, apparently a tornado, injuring one person and causing $20,000 damage. An ice storm on the 21st caused heavy damage to utilities in the extreme west-central portion, principally in the Quincy area; losses were estimated at $600,000.

G.R.J.

ACKNOWLEDGMENT

[illegible] data from some 6,000 Weather Bureau [illegible] This bulletin series contains records [illegible] Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal Agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

Table I

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALEDO	24.7	1.1	26.6	0.1	39.1M	9.2	50.9	0.4	64.9	3.2	74.3	3.6	78.0	2.2	74.0	0.7	60.6	5.4	58.3	4.2	44.5	3.2	33.0M	9.7	52.3	1.6
ALTON DAM 26	30.6	-	34.1		42.1	-	53.4M	-	68.1		76.8M		80.6		77.0		64.0		59.0	-	46.7	-	37.1		55.8	
ANNA	37.9	2.9	40.1	2.7	45.6	-2.1	55.3	-1.9	67.1	0.9	75.1	0.0	79.1	-0.2	76.0	-1.5	64.4	-7.3	61.2	1.0	48.0M	0.1	41.2	4.2	57.6	-.1
ANTIOCH	25.4M	4.3	24.4	1.3	35.2	0.4	46.3	0.2	59.0	1.4	71.1	3.6	75.4	2.2	72.4	1.6	58.9	-4.9	55.5	3.8	38.5	0.6	28.6	1.4	49.3	1.6
AURORA COLLEGE	26.1	3.1	25.8	0.7	36.4	0.3	47.2	-0.8	60.3	1.3	72.8	4.6	76.3	2.8	72.4	1.1	58.0	-5.9	57.5	5.6	40.3	1.2	30.3M	3.9	50.3	1.5
BELLEVILLE SCOTT AF	34.1	2.6	36.7	3.3	43.5	0.9	53.4	-	66.8		76.3		80.0	-	78.4	-	64.0M	-	59.6	-	47.1		39.5	-	56.4	
BLOOMINGTON NORMAL	29.5	3.3	31.5	2.8	40.9	0.6	51.5	-	66.0	3.4	75.2	3.1	78.7	2.2	74.9	0.6	62.1	-5.2	59.3	4.1	44.1	2.5	35.4	6.1	54.1	2.0
CAIRO WB CITY	41.0	6.1	42.9	4.4	48.4	0.7	58.4	-0.7	71.1	1.7	78.0	0.7	82.3	1.7	79.1	0.3	67.4	-5.1	63.2	2.7	49.5	2.2	43.5	5.7	60.4	1.7
CARBONDALE SEWAGE PL	38.6	3.7	41.0	3.7	46.7M	0.9	55.8	-1.4	67.9M	1.2	75.6	0.4	80.1	0.7	78.0	-1.9	68.9	-7.5	61.0	1.7	48.1	0.9	41.7M	4.8	58.0	-.4
CARLINVILLE 4 E	31.4	1.7	33.8	1.4	42.0	1.6	52.0	-1.8	65.8M	1.9	74.9	2.0	79.2	1.5	74.8	1.5	61.9M	-7.1	57.9	0.8	45.5	1.5	37.1	4.7	54.7	.3
CARLYLE	32.9	1.3	36.7	2.7	43.3	-1.8	53.4	-1.6	66.5M	1.7	75.8	2.2	79.3	1.3	74.8	-1.4	62.9M	-6.8	59.3	1.4	46.3	1.1	38.8	5.0	55.8	.4
CHARLESTON	32.3	2.9	35.8	4.2	42.5	-0.2	53.0M	0.1	66.7M	3.0	75.3M	2.6	80.2M	3.0	74.5M	-0.6	63.0	-5.5	59.8M	3.4	45.4	2.0	37.9M	6.0	55.7	1.7
CHICAGO HEIGHTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.8	-	58.0	-	41.4M	-	31.9M		-	
CHICAGO UNIVERSITY	29.8	6.1	28.8	2.5	38.1	2.8	47.6	0.7	60.1	2.6	72.2	4.9	77.0	4.5	74.6	3.0	61.5	-1.7	58.4	4.4	41.8	1.7	33.4	4.6	51.9	2.8
CHICAGO WB AIRPORT	28.4	6.1	27.8	2.9	37.5	3.0	47.8	0.9	61.5	3.7	74.0	5.3	77.8	5.1	74.7	3.1	60.4	-4.5	57.2	4.7	40.1	2.4	31.8	4.9	51.6	3.2
CHICAGO WB CITY	30.4	5.3	29.8	2.3	38.7	2.4	48.1	0.4	61.2	2.7	73.5	5.3	78.3	4.4	75.8	3.0	62.1	-4.2	59.2	4.1	42.6	1.4	34.1	4.1	52.6	2.6
CICERO	29.4	4.6	29.0	2.3	38.8	1.0	49.2	0.4	62.4	2.3	74.4	5.1	78.2	3.4	75.2	2.5	61.0	-4.7	58.2	4.1	41.3	0.4	32.6	4.2	52.4	2.1
DANVILLE	32.4	4.7	33.7	3.8	41.9	1.7	50.9	0.5	63.7M	2.4	71.3	3.9	78.4	3.3	73.4	0.7	61.6	-4.2	58.9	5.3	43.2	1.2	36.4	6.5	54.1	2.5
DECATUR	31.1	3.0	33.5	3.0	42.1	0.3	52.4	-	66.9	3.5	75.6	3.0	79.9M	2.7	75.0	-0.1	61.9	0.8	59.5	3.3	44.7	1.8	36.8	5.8	54.3	1.6
DIXON	24.4	2.4	25.7	1.1	37.4	0.5	48.9	-0.1	63.0	2.6	73.8	4.3	77.5	3.0	73.2	0.9	59.0	-5.7	56.8	4.3	40.3	1.4	30.4	4.6	50.9	1.6
DU QUOIN	37.8	4.1	39.6	3.5	45.0	-1.5	55.7M	0.5	68.2	2.0	76.3	1.4	80.4	1.3	76.9	-0.6	64.4	-6.7	60.7	1.6	47.5	1.0	41.2	5.4	57.8	.9
EAST ST LOUIS	34.5	1.3	38.0	2.1	45.2	-1.2	55.9	0.8	69.9	3.2	77.5	2.1	80.8M	0.2	77.5M	-0.9	64.8	-6.4	60.9	1.9	49.5M	2.4	40.9	5.1	58.0	.8
EFFINGHAM CAA	32.7	3.9	34.8	3.9	41.5	-0.3	51.8	0.0	64.3	2.0	74.3	2.5	78.3	2.0	73.3	-1.0	61.0	-6.3	58.7	3.3	44.4	2.0	37.3	6.4	53.1	.3
ELIZABETHTOWN	-	-	42.2	-	47.5	-	56.9		-	-	76.2		80.6	-	76.8M		66.0		60.3	-	48.9	-	42.2			
FAIRFIELD	37.5	4.4	38.4	3.1	45.1	-0.9	-	-	66.6	1.0	74.4M	-0.1	80.3	1.3	76.6M	-0.7	64.2	-6.7	62.2	3.5	47.4	1.4	40.7M	5.5		
FLORA	34.2	2.7	36.9	2.9	44.4	-0.4	53.9	-0.7	67.0	2.3	75.1	1.6	79.9	1.9	76.8	0.8	-	-	61.3	3.7	46.7	1.9	40.4	6.5		
FREEPORT	22.4	2.4	21.7	-1.1	35.2	0.2	46.6	-1.0	61.0	2.1	72.0	4.6	75.7	2.4	71.3	0.6	56.7	-6.5	54.0	2.7	38.3	0.7	27.8	3.6	48.6	.9
FULTON DAM 13	23.4	2.2	25.8	2.2	37.4	1.8	49.6	1.3	73.8	3.6	74.6	5.9	77.5	2.9	73.9	2.2	59.9	-4.9	57.2	4.2	42.1	3.1	31.1	5.1	51.2	2.4
GALESBURG	26.8	-	27.9	-	38.7	-	51.1	-	65.3		74.7	-	78.6	-	75.0	-	60.5	-	58.5	-	43.4	-	32.2	-	52.7	
GALVA	25.9	2.7	27.2	1.3	39.0	1.0	51.0M	1.5	63.9	2.7	74.0	3.4	78.5	2.8	74.0	0.8	60.3	-5.6	57.8	3.8	43.0	3.2	32.4	5.6	52.3	2.0
GOLCONDA DAM 51	38.7	4.5	40.4M	4.4	45.4	-1.1	54.3	-1.7	67.3	1.3	74.7	0.0	79.5	0.3	75.9	-1.4	64.4	7.0	61.5	2.4	46.8M	0.1	41.3	5.1	57.5	.6
GREENVILLE	33.0	2.4	35.8	2.7	42.9	-1.4	52.9	-1.7	66.1	1.3	74.7	1.3	78.6	0.3	74.5	-2.0	62.3	-7.5	59.8	1.8	46.2	1.5	38.9	5.7	55.5	.4
GRIGGSVILLE	28.0	-0.5	31.3	0.0	42.1	-0.8	52.7	-1.0	66.1	2.0	73.9M	0.7	78.1	0.0	74.4	-1.5	62.2	-6.4	59.2	2.1	45.8	2.1	36.4	4.8	54.2	.1
HARRISBURG	39.5	4.0	41.2	3.6	47.4	0.7	56.4M	-1.1	68.2	1.1	77.7M	2.1	81.6M	2.0	76.7	-1.5	64.4	-7.6	61.2	1.1	47.9	0.1	41.8	4.4	58.7	.7
HAVANA	28.4	1.7	30.2	0.6	40.9	0.6	51.7	-1.1	66.5	3.0	75.8	3.2	79.8	2.4	75.8	0.7	62.0	-6.0	58.5	2.9	44.5	2.5	35.6	5.8	54.1	1.2
HENRY	26.8	1.6	28.6	0.9	39.9	0.2	50.3	-0.8	64.7	2.7	75.2	3.9	79.0	2.8	75.4	1.6	61.0	-5.6	59.8	5.4	43.2	2.1	33.4	4.8	53.1	1.6
HILLSBORO	32.6	2.4	35.4	2.6	42.8	-1.2	53.2	-0.6	66.7	2.6	74.6	1.5	79.1	1.3	74.5	-1.5	62.1	-7.0	58.4	0.9	45.7	1.3	37.9	5.1	55.2	.6
HOOPESTON	30.9	4.1	32.1	3.2	40.5	0.4	50.4	-0.4	63.3	1.3	73.9	2.7	77.6	1.9	72.7	-0.7	60.7	-6.0	58.4	3.8	42.4	0.9	34.9	5.5	53.2	1.4
JACKSONVILLE	30.1	2.2	33.0	2.3	42.3	0.1	52.5	-0.3	66.7	3.5	75.9	3.6	79.8	2.7	75.2	0.2	62.3	-5.6	59.0	2.8	46.1	3.2	37.3	6.3	55.0	1.8
JERSEYVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.1	2.7	39.0M	6.5		
JOLIET WB AIRPORT	27.1	4.7	26.0	1.2	37.0	-0.8	47.8	1.1	61.0	2.4	73.2	5.4	76.6	2.6	72.9	1.6	58.4	-5.4	56.0	4.4	39.6	0.9	30.8	4.9	50.6	2.1
KANKAKEE	29.0	3.8	29.0	1.7	39.1	0.3	49.7	0.2	62.7	2.2	73.7	3.8	77.1	2.1	73.1	0.4	60.2	-5.8	57.7	3.5	41.8	1.1	31.8	5.4	52.3	1.6
KANKAKEE 4 W	28.7	-	28.6	-	39.1	-	48.9	-	61.9		72.8	-	76.7	-	72.0	-	59.1		56.9		41.2	-	33.0		51.6	
KEWANEE	24.4	1.0	25.7	-0.3	39.2	1.2	50.0	0.3	61.9	0.5	72.5M	2.0	76.1	0.9	71.8	-1.4	57.2	-8.3	56.1	2.8	41.3	1.3	31.1	4.6	50.6	.4
LA HARPE	26.0	0.7	28.2	0.1	39.9	-0.4	51.7	0.2	65.7	3.4	75.0	3.8	78.7	2.5	74.9M	0.8	60.6	-6.3	58.5	3.4	44.3	3.0	34.0	5.2	53.1	1.3
LA SALLE	27.4	2.4	29.3	2.1	39.6	0.4	50.5	0.0	65.1	3.2	76.4	5.1	79.8	3.7	75.4	1.6	60.5	-6.3	58.7	4.9	42.9	1.9	33.3	4.8	54.2	1.9
LINCOLN	29.8	2.5	31.5	1.7	41.5	0.0	51.7	-0.5	67.5	4.5	76.0	4.1	79.6	3.1	75.3	1.0	61.6	-5.7	58.5	3.1	44.1	1.8	35.8	5.6	54.4	1.8
MARENGO	24.5	3.6	24.2	1.2	35.7	0.8	46.3	-0.4	61.3	3.2	73.0	5.3	76.0	2.8	72.8	1.8	58.7	-4.9	56.0	4.5	38.5	0.6	28.3	4.6	49.6	1.8
MATTOON	31.2	2.2	33.3	2.8	41.0	-1.5	50.8	-1.0	64.3		74.2	-	78.5	-	73.2	-	61.1	-	58.3		43.6	-	35.9		53.8	
MC LEANSBORO	38.6	5.1	40.0M	4.2	47.3	0.8	57.8	2.1	69.0	3.2	77.0	2.4	81.1	2.1	77.4	0.1	64.9	-6.1	62.1	3.0	47.9	1.5	41.6	5.8	58.7	2.0
MINONK	-	-	-	-	-	-	51.3M	1.2	63.8	2.5	73.5	2.8	77.1	1.6	72.9	0.5	59.8	-6.6	57.1	2.8			34.2M	6.2		
MOLINE WB AIRPORT	23.0	2.8	24.8	1.3	37.1	2.3	49.4	0.6	63.9	3.6	73.6	4.3	78.0	4.5	73.5	1.8	59.0	-4.9	57.0	5.0	41.8	4.3	31.0	5.3	51.0	2.6
MONMOUTH AIRPORT	24.4M	0.3	25.0	-2.2	37.2	-2.1	49.9	-0.9	64.0	2.1	74.0	3.0	77.7	1.8	73.2	0.6	59.1	-6.2	57.2	2.8	41.6M	1.2	32.3M	4.6	51.4	.3
MORRIS 3 NE	27.9	3.7	28.2	1.8	38.7	0.5	48.8	-0.6	63.2	2.5	74.0	4.3	77.6	2.5	73.3	0.3	60.0	-5.7	57.5	3.9	41.6	1.2	32.5	5.0	51.9	1.6
MORRISON	22.7	0.4	24.9	-0.2	36.8	-0.7	49.0	-0.5	62.7	2.1	73.3	3.6	76.8	2.1	72.7	0.4	57.8	-7.1	55.5	2.3	40.3	0.9	30.2	3.9	50.0	.4
MORRISONVILLE 1 E	30.1	1.3	32.4	1.1	39.9	-2.4	49.7	-2.9	63.0	0.1	73.4	1.5	76.8	0.2	72.5	-2.2	58.3	-8.2	58.1	2.0	44.9	1.8	37.5	6.1	53.3	
MT CARMEL	39.8	6.1	40.3	5.3	46.5	0.6	56.0	0.2	68.7	2.7	77.1	2.7	81.8	3.3	77.8	0.8	64.6	-5.9	62.1	2.9	47.2	0.9	41.2	6.0	58.5	2.1
MOUNT CARROLL	22.9	2.1	24.1	0.6	36.5	0.6	48.6	0.5	62.1	2.7	72.6	4.1	76.6	3.1	72.4	1.3	58.1	-5.4	55.4	3.9	40.3	2.5	29.6	4.8	49.9	1.7
MT VERNON	33.8	1.4	36.6	1.9	42.5	-2.8	53.1	-2.3	65.8	0.2	74.8	0.4	78.7	-0.2	73.8	1.9	64.1	-7.4	59.1	0.7	45.1	0.4	39.2	4.5	55.6	-.5
NEW BURNSIDE	38.4	3.8	39.5	2.6	45.0	2.4	54.7	-1.5	66.8	1.0	74.1	-0.3	78.9	0.4	75.1	-1.5	63.5	-7.4	60.8	1.3	47.3	0.1	41.5	4.9	57.1	
NEWTON	-	-	-	-	-	-	55.1	1.9	67.7	4.3	77.1	4.9	81.3	5.3	76.1M	1.6			61.6	5.2	46.4	3.0	39.0	6.2		
OLNEY RADIO STA	36.2	4.2	37.2	3.1	44.5	0.2	53.9	-0.7	66.7	1.8	75.9	2.2	80.6	2.5	76.2	-0.1			-	-	-	-	39.0	4.8		
OTTAWA	27.3	2.4	28.8	1.5	39.2	0.3	50.2	-0.3	63.8	2.1	75.1	4.2	77.0	1.1	74.3	1.7	60.7	-5.5	58.6	4.7	42.8	1.9	33.4	5.3	52.6	1.5
PALESTINE	35.9	4.4	37.5	3.9	43.5	-0.9	53.7	-0.6	66.4	1.6	75.9	2.0	79.9	1.9	75.8	0.3	62.0	-7.2	60.1	2.5	45.0	0.2	38.5M	5.2	56.2	1.0
PANA	32.0	2.7	34.8	3.1	42.3	0.4	53.1	-0.1	67.4M	3.8	76.4	3.8	81.0	4.6	76.3	0.7	62.7	-6.6	58.5	1.6	41.2	0.7	36.8	5.0	55.5	1.6
PARIS WATER WORKS	34.7	6.8	35.1	4.7	42.4	0.8	52.0	-0.1	65.6M	2.5	75.0	2.8	79.6	3.1	77.2M	1.6	62.4	-4.4	60.3	4.0	44.5	1.6	37.3	6.3	55.3	2.2
PEORIA WB AIRPORT	26.5	2.4	27.5	0.3	39.0	0.7	50.6	0.7	64.4	3.6	74.7	4.3	78.4	3.2	74.5	1.4	61.4	-5.5	57.1	3.9	42.3	2.5	33.3	5.2	52.5	2.0
PONTIAC	28.5	2.2	29.7	1.1	39.7	0.6	49.9	-1.4	63.5	1.0	73.6	1.7	77.6	0.1	72.5	-1.3	59.6	-7.9	57.5	2.0	42.4	0.4	34.0	4.6	52.3	.1
QUINCY	27.9	-0.7	30.9	-0.5	42.4	-0.9	53.1	-0.7	68.6	3.9	76.8	2.8	80.3	1.9	76.7	0.1	63.1	-6.0	58.9	2.2	47.0	3.3	36.6	4.8	55.1	.8
QUINCY CAA	26.5	-	29.1	1.8	38.8	-	-	-	65.5		74.4	-	77.7	-	73.3	-	60.0	-	57.4		43.9		33.6			
RANTOUL CHANUTE AF	30.0	-	31.6	-	40.2	-	50.2	-	63.8		74.5	-	78.9	-	74.3	-	61.7	-	58.2		42.6	-	34.5	-	53.4	
ROBERTS 3 N	29.9	4.1	30.3	2.5	39.4	0.4	48.7M	-1.2	62.6	1.5	73.1M	2.2	77.1	1.8	72.7	0.1	59.9	-6.4	57.0	2.6	42.3	1.4	33.9	5.1	52.2	1.1
ROCKFORD	24.6	3.1	25.1	1.3	36.8	0.8	49.1	1.0	62.8M	3.2	73.4	4.1	76.9	2.7	73.7	1.8	59.4	-5.5	57.1	4.8	40.2	1.6	29.7	4.3	50.8	2.1
ROCKFORD CAA	22.6	3.8	21.9	-0.1	34.9	1.4	46.6	0.9	60.1	3.1	72.3	5.4	75.4	2.5	72.2	1.1	57.3	-5.3	54.6	4.5	37.5	1.1	27.5	4.7	48.6	2.0
RUSHVILLE	27.9	0.9	30.3	0.1	41.1	-0.7	52.2M	-0.5	66.0	2.6	74.8	2.5	79.1M	1.9	75.3	0.1	61.4	-6.5	59.2	3.0	45.5	3.2	35.8	5.7	54.1	1.1
SPARTA	35.2	1.7	38.8	2.8	45.1	-1.6	55.5	-0.8	68.1	2.2	77.1	1.3	79.2	0.0	75.4	-2.0	64.2	-6.8	61.1	1.7	48.2	1.5	41.2	5.5	57.3	.4
SPRINGFIELD WB AIRPORT	29.2	4.5	31.3	3.7	40.6	2.1	50.8	0.5	65.6	5.1	74.8	5.6	78.4	1.4	74.9	1.8	61.0	-3.8	57.9	4.3	44.0	4.1	35.3	5.6	53.6	3.2
SPRINGFIELD WB CITY	30.5	4.0	32.9	3.4	42.2	2.0	52.7	0.0	67.6	4.4	76.8	4.6	80.1	3.9	76.8	2.3	63.6	-4.0	59.6	3.8	46.0	3.8	37.0	5.1	55.6	2.9
STOCKTON	21.6	-	22.3	-	34.8	-	47.7		61.1		71.4	-	74.9	-	71.3	-	57.7		54.9	-	39.0	-	26.8	-	48.6	
SYCAMORE	24.2	2.7	24.4	0.7	35.7	0.1	46.7	-0.6	60.7	1.9	72.7	4.1	76.2M	2.8	72.6	1.5	57.9	-5.7	55.6	3.9	38.1	0.1	28.4	3.2	49.4	1.2
TABLE GROVE	27.7	1.7	29.3	0.8	40.1	-0.5	51.2	-0.8	65.7	2.9	75.2	3.2	78.9	1.9	75.9	1.2	61.7	-6.0	59.5	3.5	44.6	2.8	34.6	5.4	53.7	1.3
TUSCOLA	32.5	-	34.0	-	42.4		52.3	-	65.9	-	75.3	-	79.4	-	74.3	-	62.7M	-	59.4		44.6	-	36.5	-	55.0	
URBANA	30.5	3.7	32.3	3.3	40.8	0.6	51.1	0.5	65.6	4.0	74.8	3.9	78.8	3.1	74.4	1.0	62.5	-4.1	58.9	4.0	43.6	2.1	36.3	6.7	54.1	2.4
VIRDEN	30.8	-	33.1	-	42.1		52.1	-	66.1	-	75.0	-	78.1		73.9	-	61.2		57.6	-	43.9		36.9	-	54.2	
WALNUT	25.3	1.8	26.0	0.1	38.3	0.2	50.5	0.5	64.2	2.6	75.4	4.5	79.0	3.1	74.0	0.8	59.4	-6.3	57.2	3.7	41.8	1.8	31.9	4.7	51.9	1.4
WATSEKA	29.8	-	30.2	-	40.1	-	49.8	-	63.0	-	73.8		77.3	-	72.6	-	59.7	-	58.0		42.1	-	34.5	-	52.6	
WAUKEGAN	26.8	3.9	25.8	1.4	34.9	-0.5	44.7	-0.5	57.3	1.6	69.9	4.0	74.9	3.2	72.2	2.0	59.0	-5.1	55.6	3.7	39.1	-0.1	29.5	4.0	49.2	1.4
WHITE HALL 1 E	30.8	2.2	33.6	1.6	42.9	-0.5	53.0	-0.7	66.7M	2.9	75.5	2.6	79.4	1.9	75.2	-0.5	62.6	-6.0	59.7	3.0	47.4	3.9	37.7	-	54.4	1.4
WINDSOR	30.8M	1.9	33.8	2.7	41.5M	-0.7	52.5M	0.0	65.8M	2.8	74.5M	2.4	79.2M	2.6	74.2M	-0.5	62.1M	-5.9	58.5	2.3	44.1M	1.2	36.3M	4.9	54.4	1.1

See reference notes following Station Index

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ALBION	12 72	8.99	2 71	33	6 96	2.80	2.09	-1.57	2.02	1.99	4.26	15	2.79	- .54	4.10	.55	5.48	2.10	5.88	2.59	1.08	-2.13	4.64	1.45	54.73	12.73
ALEDO	3 57	2.04	1.93	58	2 86	51	1.23	-1.74	2.81	-1 41	7 55	3.18	4.32	.88	2.84	- .66	2.12	-2.19	2.04	- .49	.40	-1.70	3.07	1.60	34.74	.60
ALEXIS WTR WORKS R	3 34	1.58	1.94	44	3.00	47	1.13	-1.91	1.90	-2.29	-	-	-	-	-	-	-	-	-	-	.65	-1.63	-	-	-	-
ALTON DAM 26	6 24	3.80	2.38	35	1.94	-1 42	1.40	-2.49	5.92	1.75	6 49	2 53	9.61	6.55	1.20	-2.38	3.12	- .56	6.54	3.37	.17	-2.41	4.18	1.95	49.19	11.04
ANNA	10 98	7.06	3.87	94	8.03	3 63	1.46	-3.14	5 06	.80	4.71	.49	4.06	.64	2.85	-1.06	2.64	-1.25	9.99	6.42	.40	-3.22	6.12	2.58	60.17	13.89
ANNAWAN	2 54	.90	1.68	14	2.59	02	1.60	-1.30	1 74	-2.40	5 26	2 28	2 79	- .70	4.58	.84	1.57	2.63	2.34	- .32	.53	-1.71	3.71	2.25	30.93	-2.63
ANTIOCH	3 02	1 37	1.94	48	1 96	32	1 96	- .82	2 00	-1.67	5 08	1.60	3.92	.79	1.61	-1.54	2.54	-1.49	2.16	- .56	.65	-1.45	4.03	2.43	30.87	-1.18
AUGUSTA HIGH SCHOOL R	4 57	2.81	1.81	.26	2.34	30	1 72	-1.45	1.88	2.54	-	-	-	-	-	-	2.61	-1.66	2.72	.18	.37	-1.79	-	-	-	-
AURORA COLLEGE	3 91	2.13	2.57	1.01	2.26	31	1 01	-1.70	2.33	-1.57	3 31	- 83	4.40	1.38	.98	-2.57	3 24	- .80	2.87	00	.34	-1.97	6.30	4.62	33.52	- .61
BARRY	4 90	2 94	2 01	34	3.13	.41	1.86	-1.61	4.02	- .30	6.44	2.09	8.45	5.28	1.78	-1.82	3.25	-1.39	3.94	1.18	.37	-2.04	4.79	3.13	44.94	8.21
BEARDSTOWN	4.54	2 67	2.19	70	3.69	1 00	1 91	-1.44	2.51	-1.66	3.52	- .34	5.05	2.00	2.72	- .58	-	-	3.37	.79	.78	-1.43	6.16	4.43		
BEARDSTOWN LGRNG R//	4.45	2 55	2 22	69	3 35	61	2.20	-1.17	2.61	-1.59	3.02	- 90	5.54	2.50	-	-	2.36	-2.00	3.48	.81	.61	-1.70	6.01	4.28		
BELLEVILLE SCOTT AF	7 73	5.15	3 18	1.12	2 67	.63	1 05	-2.99	2.95	-1.28	3.75	- .15	5.21	2.03	2.26	-1.48	5.58	1.91	6.80	3.78	.42	-2.18	5.29	2.95	46.89	8.23
BELVIDERE SEWAGE PL R	2.44	.85	1.87	.46	1 75	.66	1 70	- 97	1.24	-2.46	6.81	2.75	6.34	3.19	1.89	-1.92	-	-	1.95	- .87	.69	-1.43	•	-		
BENTLEY	4 29	2.53	1.91	36	2.36	- 24	1.94	-1.16	1.43	-2.99	5.92	1 42	3.08	- .43	2.68	- .67	2.68	-1.56	2.76	.20	.51	-1.65	3.33	1.78	32.89	-2.41
BENTON	11 24	7.77	2 70	39	7 65	3.78	1 57	-2 09	2.73	-1.01	3.01	- .95	1.20	-1.92	.96	-2.35	5.35	1.93	8.05	4 97	.57	-2.46	5.04	2.01	50.07	10.07
BLOOMINGTON																	2.18	-1.81	3.57	.67	.79	-1.89	6.58	4.62		
BLOOMINGTON NORMAL	5.57	3.47	1.80	.05	2.45	- .70	2 52	1.02	2.75	-1.41	5.39	1.28	5.14	2.07	1.56	-1.92	1.96	-2.03	3.51	.70	.73	-1.95	6.67	4.71	40.05	3.25
BLUFFS	4 90	2.95	1.96	.35	3.49	.69	2 09	-1.31	2.84	-1.35	5.08	.96	4.94	1.89	1.34	-2.11	3.21	-1.25	4.47	1.57	.67	-1.75	4.72	2.97	39.71	3.61
BRADFORD CAA	2.92	1.20	1 81	.22	2.10	- .61	1 18	-1.92	1.49	-2.63	3.76	- .08	3.79	.54	3.86	.28	1.21	-2.65	2.95	.29	.38	-1.87	3.46	1.89	28.91	-5.34
BROOKPORT DAM 52	12.12	7.56	4.72	1.49	7.54	2.79	1 29	-3 15	2.97	- .79	4.29	.29	5.16	1.61	2.22	-1.40	4.05	.55	6.67	3.42	.75	-2.95	4.91	1.02	56.69	10.44
CAIRO WB CITY R	13.16	9.40	6.01	2.88	7 00	3 25	.95	-2.77	3.64	- .07	5.55	1.72	4.41	1.34	3.21	.19	1.64	-1.25	6.55	3.79	.79	-2.89	5.54	2.14	58.45	17.73
CAMP ELLIS R	4.03	2.17	1.76	.16	2 98	39	-	-	1 72	2.24	-	-	2.27	-1.47	2.96	- .30	2.07	-1.98	-	-	.71	-1.47	-	-	-	-
CANTON	3 81	1 98	2 10	43	2 72	.11	2.42	- .77	1.06	-2.94	3 22	- .69	4.14	.63	2.48	- .70	1.64	-2.49	3.41	.83	.64	-1.55	4.41	2.82	32.05	-2.34
CARBONDALE SEWAGE PL	10.15	6.63	3 21	.68	6 99	3.18	1 60	-2.52	2.44	-1.91	3.54	- .55	2.60	- .99	4.16	.27	4.19	.42	9.79	6.32	.32	-2.97	5.92	2.90	54.91	11.46
CARLINVILLE 4 E	7 23	4.91	3 15	1.19	1 85	-1.42	2 05	-1.92	2.64	-1.49	3 72	- .44	5.16	1.70	2.25	-1.24	3.37	- .39	6.24	3.03	.65	-2.01	4.20	1.95	42.51	3.87
CARLYLE	8.47	5.84	2.61	.45	4 10	.67	1 14	-3.08	2 88	-1.18	4.11	.01	2.21	-1.01	3.29	- .26	4.60	1.20	7.80	4.44	.38	-2.42	3.95	1.49	45.54	6.15
CARMI	9.92	6.01	3.36	.94	6.97	2 66	2.25	-1.38	1.90	-1.94	4.08	.46	4.02	.85	2.69	-1.12	4.22	.60	5.17	1.72	.82	-2.43	4.78	1.32	50.18	7.69
CARPENTER 1 SW R	6.03	3.59	2.74	.64	1 28	-2.14	1.06	-2.86	6.16	1.96	6.53	2.43	3.49	.42	-	-	2.99	- .76	6.33	3.12	.26	-2.36	4.52	2.25		
CASEY	8.39	5.78	2 64	.53	2.80	- 90	2.04	-1.40	4.01	.02	5.38	1.66	4.01	.79	4.90	1.18	3.76	.03	7.82	4.47	1.08	-1.81	4.44	1.84	51.27	12.19
CENTRALIA 4 W	-	-	1.74	- 52	-	-	-	-	-	-	3.74	- .30	1.39	1.83	3.03	- .55	7.42	4.08	7.62	4.17	.30	-2.63	4.67	2.05		
CHANDLERVILLE	5.04	3 08	2.53	97	2.49	- 26	1.91	-1 37	1.81	-2.19	4.16	.32	6.21	3.21	4.65	1.39	2.37	-1.69	4.08	1.47	.48	-1.80	6.55	4.88	42.28	8.01
CHANNAHON DRESDEN ISLD	3 65	1 82	2.49	91	2.71	- 13	1 87	1.03	3.83	.23	3.28	- 18	5.77	2.89	3.34	- .17	.72	-3.10	2.46	- .21	.92	-1.43	6.04	4.31	37.08	4.17
CHARLESTON	7.05	4.54	3 79	1 81	2.74	- 91	1 89	-1 63	3.41	- .69	-	-	3.47	.14	5.20	1.61	4.13	- .46	7.94	4 70	.95	-1.78	3.90	1.37		
CHENOA	4 80	2 70	2 03	15	2.33	- 47	2.39	- 95	3 77	- 09	2.97	- 63	6.77	3 76	2.57	- .75	1.37	-2.27	2.81	.16	.79	-1.53	6.10	4.19	38.70	4.27
CHESTER	9.53	6.35	2 30	05	4 68	1 00	-	-	99	-2.99	3.74	- .25	2.17	1.06	3.14	- .76	7.52	4.05	5.49	2.41	-	-	-	-		
CHICAGO CAL TREAT W R	-	-	-	-	-	-	2 49	-	3 90	-	2.17	-	5.39	-	1.47	-	1.08	-	2.72	-	-	-	-	-		
CHICAGO HEIGHTS	5 38	3.54	3 26	1 61	3 85	1 08	2 05	- .84	4.36	.68	2.02	-1.48	7.62	4.64	2.05	-1 32	.93	-2.40	3.40	.70	.68	-1.52	-	-		
CHICAGO LAKEVIEW P R	3 71	-	3.46	-	3 75	-	2.24	-	1.71	-	5 77	-	5 30	-	1.38	-	2 66	-	4.53	-	1.01	-	5.40	-	40.92	
CHICAGO LOYOLA UNIV R	-	-	-	-	-	-	1 71	-	2.48	-	5 31	-	4.86	-	1.64	-	1 87	-	3.13	-	-	-	-	-		
CHICAGO MAYFAIR PU R	4.45	-	2 65	-	3.63	-	2 12	-	1.84	-	6.32	-	6.00	-	3.45	-	2.43	-	3.90	-	1.79	-	7.11	-	45.69	
CHICAGO N BRA PU S R	-	-	-	-	-	-	2 04	-	2.13	-	6.44	-	4.52	-	1.68	-	2.42	-	3.08	-	-	-	-	-		
CHICAGO ROSELAND PU R	4.33	-	2 73	-	3 26	-	2 02	-	2.95	-	4.33	-	5.00	-	1.64	-	1 01	-	3.22	-	.54	-	6.03	-	37.06	
CHICAGO SAN DIST DI R	-	-	-	-	-	-	1.98	-	2.47	-	4.01	-	3.91	-	.85	-	1.64	-	2.89	-	-	-	-	-		
CHICAGO SAN DIS OFF R							1.15	-	2.23	-	4 38	-	.92	-	1.95	-	3 05	-	-	-	-	-	-	-		
CHICAGO S FILTER P R	4 05		2 59		3.38		1 81	-	2.33	-	3 04	-	3.89	-	1 67	-	.72	-	2.50	-	1.23	-	5.68	-	32.89	
CHICAGO SPRINGFIELD R	4.17	-	2 95	-	3 76	-	2 00	-	1.46		6 27		4.16	-	2 36	-	2.48	-	3.90	-	1.77	-	6.35	-	41.63	
CHICAGO UNIVERSITY R	3.53	1 63	2 40	26	3 53	95	2 18	- 60	2 22	1 32	4 55	1 25	2.74	- .69	2 23	- .98	1 18	-1.96	3.14	.61	.84	-1.53	5.62	3.58	34.16	1.20
CHICAGO WB ARPT R	3 32	1 42	2 42	32	3 32	76	2 14	- 40	2 46	-1 04	3 65	.17	3 59	.16	1 31	-1.71	1.24	-1.96	2.73	.17	.89	-1.62	6.67	4.60	33.74	.87
CHICAGO WB CITY R	3 69	1 79	2 51	41	3 50	94	1 60	- 94	2 27	1.27	4 69	1 21	5.01	1.58	.98	2.04	2.08	-1.12	3.40	.84	1.38	-1.13	6.09	4.02	37.20	4.29
CHILLICOTHE	3 81	1 98	1 90	25	1 95	- 78	1.76	-1 40	1 71	-2.25	4 98	1 24	2.43	- .76	1 75	1.61	1.03	-2.92	2.06	- .50	.78	-1.47	5.16	3.53	29.32	-4.69
CICERO	3 47	1 71	2 51	85	3 53	84	2.11	59	2 04	-1 52	5.17	1.57	3.83	.80	1.09	-2.16	2.65	- .98	3.25	.64	1.02	-1.13	5.50	3.73	36.17	3.75
CISNE BROWN CAMP R	11 69	8.53	3 05	86	4.72	96	1.63	2 12	2 75	1 22	4 32	40	1.97	1 21	2.63	-1 01	4.14	- .56	6.40	3.18	1.12	-1.77	4.45	1.66	48.87	8.82
CLINTON 1 S	7 39	5.26	2 38	58	2.32	1 13	-	-	4 14	04	5.37	1 54	4.71	1.17	2 12	-1.63	3.76	2 96	4.67	1.86	5.47					
COLLINSVILLE R	6 95	4 45	3 02	94	3.44	02	.93	- 3 05	3 07	-1 15	4 10	.20	6.37	3.29	3.86	.78	3.96	.28	5.55	2.57	.44	-2.13	3.66	1.40	45.35	7.60
COULTERVILLE R			3 35	1 28	4.73	1 25	2 51	-1 58			6 60	2 97	6.91	3.65	3.52	- .30	5.08	1.76	8.68	5.25	-	-	4.20	1.56		
CRETE R	3 20	1 35	2 88	1 22	3.42	65	-	-	3 79	01	2.31	1 19	5.27	2.27	2.49	- .89	.73	-2.58	3.07	.35	.78	-1.45	6.01	4.14		
DANVILLE	7 20	4 69	3 45	1 63	3.53	34	2 58	85	4 94	1 13	2.92	- 70	9.05	5.90	1.57	-1.81	1.20	-2.20	6.35	3 46	1.51	-1.12	4.76	2.48	49.06	12.95
DANVILLE HOSPITAL R																	-	-	6.01	3.03	1.41	-1.22	4.49	2.21		
DANVILLE SEWAGE PL	7 52	5 01	3 27	1 45	3 21	02	2 81	62	4 71	90	3 70	08	6 35	3.20	1.52	-1.86	1.54	-1.86	-	-	1.57	-1.06	4.71	2.43		
DANVILLE WATER WORKS	7 41		3 08	-	2 85		2 26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DECATUR	6 05	3 73	3 44	1 47	1 42	2 00	2 38	-1.30	2.70	-1 43	2.96	63	1.65	-1.60	4.98	1.41	2.27	-1.71	5.88	2.73	.51	-1.95	5.68	3.42	39.92	2.14
DES PLAINES 1 NW	1 12	1 39	2 12	52	2.76	26	1 60	-1.23	2.51	1 19	5.80	2 20	4.96	1 90	50	-2.71	1.67	-2.23	2.84	.13	1.24	- .92	5.07	3.34	34.19	1.46
DIONA R	7 71	5 15	2 97	92	2.54	1 14	1 59	1.89	2.57	-1 52	3.29	- 50	3.98	58	2 41	-1.24	2.55	-1.16	7.50	4.20	.70	-2.09	4.24	1.69	42.05	3.00
DIXON	2 57	1 02	1 78	44	2.38	02	1 47	1 30	1 68	-2 32	4.96	87	1.60	-2.11	2.52	-1.01	1.39	-2.69	2.35	- .51	.60	-1.47	4.27	2.75	27.57	-6.35
DOUGLAS R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.03	.46	.51	-1.69	4.29	2.83		
DOWNS 2 NE R	5 54	3 40	2 91	27	1.85	-1 34	1.52	-2 03	3.92	23	4.20	10	8.00	4.87	3.71	.17	2.03	-1.91	4.56	.73	.73	-1.87	5.77	3.69	42.86	5.85
DU QUOIN	11 28	8 12	2 51	20	7.03	3 31	1.38	-2 33	2.81	- 96	5.79	1.81	3.21	- .38	2 89	- .67	6.09	2.64	10.53	7.53	.27	-2.67	3.65	.65	57.44	17.25
DWIGHT	4 01	2 08	2 22	51	2.91	20	2.35	90	2.73	-1 12	4.01	38	6.74	3.74	3.10	- .50	1.46	-2.11	2.08	- .51	1.23	-1.13	6.41	4.57	39.25	5.21
DWIGHT STATE REFOR R			2 12	41	2.55	16	1 79	-1.46	2.37	1.48	4.18	55	6.70	3.70	4.54	.94	.90	-2.67	2.25	- .34	.94	-1.42	6.77	4.93	35.11	3.00
EAST ST LOUIS	8 04	5 55	2 89	82	2 73	70	99	-2.91	2.22	1 98	3 20	- .50	7.04	4 00	2 34	-1.20	5 11	1.61	6.98	4.01	.21	-2.31	3.86	1.64	45.61	8.06
EDWARDSVILLE	7 08	4 84	2 78	68	1 56	-1 91	2.66	1.29	6.13	1.90	4 20	12	6.48	3.43	1 82	-1.90	4.86	1.12	7.24	4.06	.28	-2.32	4.73	2.47	49.76	11.00
EFFINGHAM CAA	6 43	3.71	2 66	62	2 74	94	1.91	1.62	3.36	- .87	4 59	.12	2.23	-1 00	4.31	.28	3.24	- .15	7.95	4.67	.39	-2.53	3.92	1.33	43.82	3.62
ELGIN	3.20	1.43	2 78	1 15	2 05	38	1.42	-1.46	1.80	-2.17	7.00	3 10	4.53	1.45	1 03	-2 29	1.67	-2.46	3.00	.15	.58	-1.61	4.38	2.88	33.44	- .21
ELIZABETHTOWN	10 57	5.78	4 05	86	8 34	3 64	1.72	-2.63	3.63	- 23	3 28	.51	2.45	- .85	3 01	- .57	3 87	.41	7.64	4.35	1.06	-2.53	5.61	1.88	55.23	9.58
ELSAH	7.34	1 90	4 82	1 87	1 71	1 58	1.97	-1.92	2.97	-1.10	4.23	.30	10.08	7.13	1.67	-1 89	3.18	- .51	8.34	5.13	-	-	3.86	1.61		
EVANSTON PU STA R					2 75		1.94		1 91	-	4.37		3.99	-	1.94	-	1.53	-	3.00	-	-	-	-	-		
FAIRBURY WTR WKS R/					2 47	33	2.06	1 25	3.52	- .32	2 87	.53	6.96	3.87	2 06	-1 00	1.23	-2.32	3.16	.51	.60	-1.69	6.29	4.41		
FAIRFIELD	12 23	8 49	2 94	68	5 52	1 69			2 69	1.34	8.30	4.28	1 66	1.42	-	-	5.53	2.01	7.38	4.21	1.03	-1.84	-	-		
FARMER CITY R	5 41	3 25	2 90	1.18	2.07	1 29	1 80	1 84	3 18	.92	4 38	.32	3.89	.67	1.61	-1.99	1 21	-2.64	6.16	3.29	.70	-1.81	5.88	3.70	39.25	1.93
FLORA	10 30	7 27	4 09	1.94	4.13	.40	87	-2 80	3 30	67	7 01	3 13	1.40	-1 88	2 18	-1.47	-	-	8.23	4.97	.11	-2.84	4.73	1.91		
FREEPORT	4 29	1 91	1 47	24	2.65	.56	1 68	1 05	.98	-2.69	4 14	.05	3.26	- .64	4 05	.18	2.19	1.94	1.64	-1.07	.94	-1.17	2.59	1.09	28.88	-4.61
FREEPORT SEWAGE PL R	3 09	1 23	1 91	08	2.24	.15	1 41	42	1 08	2.60	5 05	86	2.46	1.44	3 77	10	2.06	-2 07	1.52	-1.19	.89	-1.22	1.92	.42	27.70	-5.80
FULTON DAM 13	2 79	1 13	1 88	09	2.43	.18	1 51	1 51	1 11	-2.90	3.45	80	5.28	1.88	4.37	65	2 62	1.40	3.15	.56	.71	-1.37	2.35	.87	30.86	-2.44
GALATIA R	8 67	4 77			6.05	2.00	-	-	4 17	09	-	-	-	-	1.61	-2.06	3 59	.14	-	-	.90	-2.20	5.26	2.00		
GALENA	-	-	-	-	1.54	- .50	1.52	1 14	2 47	-1 44	7.19	3 11	8.41	4 86	5.29	1.59	.90	-3 16	1.81	- .72	.93	-1.03	2.21	.81		
GALESBURG	3 58	1 74	1.79	19	3.97	1.32	1.73	1 45	2 11	-2 00	6.80	2 99	1.83	-1 86	1.43	1.94	1.46	-2.57	2.39	- .22	.66	-1.64	2.93	1.37	30.70	-3.97
GALVA	3 00	1 42	1.56	06	2.03	- .58	2.05	1 02	2 02	-2 17	4.02	02	2.41	-1 13	5 26	1.77	1.43	-2.47	2.66	.07	.69	-1.49	3.33	1.87	30.46	-3.65
GENESEO	2 97	1 18	1.73	21	-	-	1.39	1.47	2 45	-1 59	7.13	2 86	1.62	-1.90	6.59	2.85	1.57	-2 63	2.11	- .51	.39	-2.27	2.38	.94		
GIBSON CITY	5 07	2 95	2.51	79	2.90	- .10	2.67	74	4 15	35	2.73	1 08	5.39	2 21	2.74	- .81	2 84	- .73	6.92	4.22	.90	-1.42	7.15	5.18	45.97	10.83
GLADSTONE DAM 18	3 90	2.20	1 80	24	3.21	11	1 42	1 64	1 05	3 05	4.58	- 10	2.97	- 53	1.70	-1 70	1.88	-2.49	2.44	- .27	.48	-1.70	2.48	.87	27.91	-7.56
GLENDALE EXP FARM R	11.06	6.54	3 66	54	7.94	3 16	1.43	3 03	2 83	1.16	4.12	.04	3.94	74	6.00	2 32	2.33	-1.24	5.69	2.30	.80	-2.77	5.35	1.64	55 09	9.25
GRANDVIEW DAM	10 21	6 18	4 79	1.91	6 19	1 81	1 60	2 82	2 32	1 52	6 21	2 36	5.21	2 02	3 25	52	2 86	- .70	5.69	2.39	1.14	-2 50	6 13	2.35	56.32	10.04
GOLDEN	5.49	3 71	3 19	2.50	3 94	1 37	3 07	-1 42	4 33	12	7.79	4 28	2 04	1.43	2 98	-1 34	3.06	.52	.25	-1.89	4.60	3.00	39.77	4.27		
GRAFTON	7 11	4 70	3 41	1 56	2 18	1 07	1 70	2 19	3 26	- 79	7 30	3 36	7.36	4.42	1.54	-1 98	3 51	- .15	6.22	3.02	•	-2 67	4.07	1.84	47.69	9.99
GRAND CHAIN DAM 53	13 70	6 97	1 80	1.65																						
GRAND TOWER 2 N	13 41	7 87			7 52	3 41	1.65	2.54	2 62	1.50	4.93	86	3.76	35	5 91	1 97	6 92	3.31	8.84	5.47	•	-3 30	5.04	1.95		
GREENFIELD R	6.47	4.22	-	1.30	2 00	1 75	1.84	1 90	2 62	1 13	4 53	55	-	-	1 28	2.26	3 42	- .58	4.52	1.26	.25	-2.39	4.23	2.15		
GREENUP	4 93	2 27	1 71	12	2 19	1 11	1.93	-1.50	4 24	13	6.03	1 99	4.13	90	3.55	.24	4 23	.53	8.43	5.07	.83	-2.03	•	-		
GREENVILLE	7.38	4 66	3.28	1 17	2 52	38	1.13	-2.73	4 61	52	3.05	1.15	3.17	.10	3 38	.25	3 30	- .20	6.41	3.11	.29	-2.25	4.07	1.70	41.50	2.80
GULF [illegible]	5 40	3 02	2 44	22	2 28	•	2 97	- 6	2.26	1 62	3.57	- 13	5.90	2.90	2 42	-1.00	1.16	-2.54	2.68	.02	71	1 62	6.13	4.27	37.12	2.73
GRIGGSVILLE	4 80	2 99	2 02	06	1.82	05	2 24	1 29	2.31	1 98	5.20	87	5.34	2.33	2 03	-1.40	3.27	-1.49	3.22	.26	.15	-2.28	-	-		
HADLEY	3 58	1 13	3 08	1 2	2.90	.22			2.67	1.38	7.24	3.27	11.64	8.60	3 52	- .02	4.40	.37	5 46	2.24	-	-	4.67	2.67		
HAMILTON	4 64	1 98	3.57	86	7 98	3.82	1 71	2 44	2 12	1.70	2.41	1 48	2.29	-1.32	3 10	.78	3.49	.09	7.70	4.31	.74	-2.40	5.14	1.84	49.02	5.56
HARRISBURG DISPOSAL PL	8 64	5 34	- 16	09	7.82	3.66	-	-	2 45	-1.47	2.94	95	1.82	-1.79	5 17	1.29	2.99	- 41	6 12	2 73	60	2 54	4.83	1.53		

See reference notes following Station Index

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
HAVANA	4.69	2.72	1.79	.17	2.88	.17	2.34	- .95	1.66	-2.16	1.90	-2.00	2.78	- .95	1.98	-1.24	2.54	-1.47	3.46	.91	.45	-1.76	5.82	4.18	32.29	-2.38
HAVANA NO 2	-	-	1.88	.26	2.89	.18	2.03	-1.26	1.58	-2.24	1.72	-2.18	3.08	- .65	1.92	-1.30	2.36	-1.65	3.36	.81	.72	-1.49	5.92	4.28		
HENRY	3.89	2.08	1.71	.09	2.63	- .09	1.44	-1.69	1.79	-2.11	3.94	.22	4.73	1.72	4.10	.58	1.48	-2.50	-	-	.67	-1.55	6.42	4.82		
HILLSBORO	6.87	4.44	3.55	1.57	3.71	.40	1.80	-1.95	3.49	- .75	3.93	- .16	5.56	2.55	2.60	-1.16	2.89	- .73	6.65	3.43	.17	-2.39	5.22	2.98	46.44	8.23
HOOPESTON	6.28	3.86	2.91	.84	2.04	-1.19	2.06	-1.49	4.47	.54	2.98	- .92	6.41	2.81	.80	-2.73	1.45	-2.11	6.42	3.46	1.19	-1.57	4.94	2.64	41.95	4.14
HUDSON LK BLOOM R	5.44	3.43	-	-	2.04	- .96	2.08	-1.32	2.46	-1.61	3.97	- .03	8.10	1.05	1.15	-2.30	1.56	-2.33	2.11	- .63	.85	-1.65	5.29	3.38		
HUTSONVILLE R//	-	-	-	-	5.25	1.29	1.68	-1.73	3.36	- .76	5.41	1.44	-	-	-	-	2.75	- .85	4.98	1.72	1.40	-1.46	4.43	1.58		
HUTSONVILLE PWR PL	8.37	6.27	2.40	.32	4.88	.92	1.56	-1.85	2.78	-1.34	5.98	2.01	3.75	.36	3.21	- .56	3.00	- .60	6.14	2.88	1.51	-1.35	4.22	1.37	47.80	8.43
ILLINOIS CITY DAM 16	2.81	1.37	1.72	.38	2.76	.40	1.48	-1.38	2.22	-1.67	5.96	1.69	5.16	1.84	4.10	.53	2.27	-1.83	1.23	-1.23	.91	-1.13	2.57	1.12	33.19	.09
JACKSONVILLE	5.38	3.46	1.97	.39	2.07	- .76	1.70	-1.62	3.58	- .59	5.08	1.11	3.85	.85	2.68	- .88	2.75	-1.43	5.19	2.23	.37	-1.99	3.45	1.72	38.07	2.49
JACKSONVILLE SEW PL R	5.07	2.28	1.90	.32	2.19	- .64	1.67	-1.65	2.99	-1.18	6.30	2.33	-	-	3.71	.15	2.54	-1.64	5.16	2.20	.40	-1.96	3.73	2.00		
JERSEYVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.76	3.50	-	-	4.02	1.82		
JOLIET BRANDON RD DAM	2.81	.99	2.30	.69	2.93	.28	1.72	-1.21	3.18	- .56	3.16	- .70	3.59	.60	3.07	- .33	.67	-3.10	2.87	.05	1.21	-1.07	7.11	5.33	34.62	.97
JOLIET WB AIRPORT	3.59	1.77	2.43	.82	3.30	- .65	1.40	-1.53	3.47	- .27	3.34	- .52	3.28	.29	3.27	- .13	.81	-2.96	2.53	- .29	.87	-1.41	6.37	4.59	34.66	- .29
KANKAKEE	3.83	1.96	2.02	.31	2.27	- .39	2.27	- .84	3.03	-1.01	3.90	.28	3.85	.64	2.80	- .68	1.76	-1.41	3.02	.29	.53	-1.82	5.55	3.63	34.83	.96
KANKAKEE 4 W	4.07	2.22	2.26	.57	2.36	- .29	1.93	-1.17	3.41	- .53	2.57	-1.03	4.41	1.23	3.00	- .48	1.98	-1.30	2.60	- .10	.64	-1.70	5.66	3.78	34.89	1.20
KANKAKEE SEWAGE PL R	2.78	.91	1.93	.22	2.23	- .43	2.01	-1.10	2.76	-1.28	-	-	3.98	.77	2.84	- .64	1.83	-1.34	2.29	- .44	.58	-1.77	-	-		
KEITHSBURG	4.02	2.48	1.61	.23	2.85	.44	1.43	-1.57	1.46	-2.53	4.74	.25	5.92	2.46	3.65	.14	1.96	-2.38	1.57	- .99	.47	-1.66	2.04	.51	31.72	-2.62
KEWANEE	2.95	1.32	1.77	.24	2.74	.12	1.14	-1.87	1.52	-2.65	3.35	- .53	5.12	1.70	5.41	1.87	.18	-3.71	2.64	.02	1.20	-1.00	3.88	2.43	31.90	-2.06
KEWANEE BAKER PARK R	-	-	-	-	2.77	.15	1.77	-1.24	1.90	-2.27	3.46	- .42	4.15	.73	6.39	2.85	1.10	-2.79	2.56	- .06	.65	-1.55	3.50	2.05		
KICKAPOO	3.72	1.92	1.52	- .20	1.97	.65	1.80	-1.35	1.72	-2.35	4.77	1.00	3.01	- .40	-	-	1.55	-2.57	2.66	.09	.48	-1.72	5.19	3.59		
LA HARPE	4.84	2.99	1.91	.36	2.27	- .41	2.41	- .71	2.44	-1.95	6.26	1.59	2.99	- .63	3.48	.16	2.00	-2.28	2.47	- .06	.80	-1.40	3.25	1.65	35.22	- .69
LANARK R	3.37	1.88	1.10	- .21	2.62	.52	1.69	-1.09	.73	-3.27	5.59	1.18	2.97	- .53	2.86	-1.05	-	-	1.81	- .89	1.07	-1.14	2.45	.91		
LA SALLE	3.51	1.89	2.05	.49	2.04	- .40	1.56	-1.30	1.24	-2.36	3.19	- .38	5.82	2.86	4.58	.78	1.33	-2.67	1.93	- .57	.55	-1.43	3.06	1.54	30.86	-1.55
LAWN RIDGE R	3.62	1.82	1.59	.00	2.38	- .30	1.87	-1.23	-	-	-	-	-	-	1.74	-1.63	-	-	2.85	.30	-	-	4.07	2.49		
LAWRENCEVILLE	10.58	7.08	3.97	1.68	5.12	.96	1.37	-2.23	2.16	-1.96	6.33	2.32	3.50	.14	6.37	2.79	-	-	7.33	4.16	.87	-2.21	4.28	1.16		
LE ROY	5.71	3.56	2.12	.35	1.62	-1.60	2.34	-1.24	3.53	- .60	5.42	1.35	6.36	3.20	3.33	- .23	1.61	-2.25	4.62	1.79	.81	-1.75	6.33	4.22	43.80	6.80
LINCOLN	6.23	4.17	2.53	.81	2.10	-1.03	2.90	- .55	1.77	-2.51	3.02	- .80	5.10	1.98	5.48	2.15	2.61	-1.53	3.69	.85	.54	-1.84	6.45	4.48	42.42	6.18
LINCOLN NO 2	4.66	1.93	1.93	.21	2.11	-1.02	2.89	- .56	1.69	-2.59	2.83	- .99	5.07	1.95	5.91	2.58	2.63	-1.51	3.35	.51	.38	-2.00	6.02	4.05	39.47	2.56
LOCKPORT LOCK & DAM R	3.37	1.56	2.24	.62	3.34	.79	1.59	-1.33	3.44	- .30	3.34	- .51	4.07	1.07	3.55	.18	.85	-2.95	2.84	.02	.83	-1.44	6.16	4.40	35.62	2.11
LOCKPORT PWR HOUSE R	-	-	-	-	-	-	1.60	-1.32	3.50	- .24	3.49	- .36	4.07	1.07	3.62	.25	.90	-2.90	2.99	.17	-	-	-	-		
LOUISVILLE R	9.22	6.22	-	-	4.47	1.72	1.08	-2.62	3.93	- .05	5.45	1.56	-	-	2.62	-1.07	3.25	- .13	6.96	3.69	.57	-2.37	5.02	2.31		
MACKINAW	5.25	3.29	2.13	.35	2.28	- .68	2.79	- .61	1.45	-2.73	5.45	1.59	4.10	.80	2.79	- .53	1.21	-2.90	3.03	.29	1.93	- .47	7.17	5.38	39.58	3.78
MACOMB	3.99	2.14	1.81	.23	3.37	.78	1.79	-1.15	2.60	-1.44	5.98	1.56	1.98	-1.89	3.18	- .08	3.16	- .93	2.54	- .09	.49	-1.68	3.98	2.49	34.87	- .06
MARENGO	2.96	1.39	2.27	.90	1.84	- .41	1.81	- .83	.62	-2.90	5.31	1.29	6.21	3.12	2.32	-1.24	2.38	-1.65	2.24	- .53	.67	-1.34	4.82	3.33	33.45	1.13
MARIETTA	3.78	1.93	1.91	.29	2.46	- .10	2.00	-1.05	1.77	-2.21	2.89	-1.21	2.43	-1.22	2.96	- .28	2.42	-1.69	-	-	.58	-1.59	4.27	2.80		
MARION	10.14	6.34	4.24	1.58	6.04	2.01	1.57	-2.54	3.38	- .71	3.33	- .75	2.11	-1.22	4.58	1.08	3.92	.36	10.41	6.95	.07	-3.23	4.81	1.54	54.60	11.41
MANOA R	-	-	-	-	1.97	-1.46	2.25	-1.39	-	-	-	-	4.55	1.31	-	-	-	-	-	-	-	-	-	-		
MARSEILLES LOCK	3.35	1.55	1.96	.39	2.32	- .24	1.56	-1.43	1.31	-2.49	3.82	.48	6.02	2.99	7.44	3.77	1.40	-2.45	1.75	- .81	.41	-1.87	5.71	4.08	37.05	3.97
MARSHALL	6.91	4.14	2.70	.73	2.77	-1.03	1.66	-1.81	6.00	2.03	6.16	2.14	3.51	.33	5.64	2.04	3.55	- .18	4.16	.96	-	-	-	-		
MASCOUTAH	7.42	4.73	2.42	.24	4.47	1.10	.66	-3.48	4.22	.02	5.23	1.40	3.71	.60	3.87	.01	6.25	2.55	5.73	2.49	.30	-2.57	5.04	2.59	49.32	9.68
MASON CITY R	5.58	3.46	1.93	.20	2.08	- .86	1.96	-1.40	1.81	-2.40	3.05	- .79	-	-	2.62	- .62	3.16	- .92	3.40	.72	.79	-1.54	6.17	4.43		
MATTOON	7.24	4.79	3.69	1.66	2.05	-1.60	1.36	-2.25	2.15	-2.15	2.47	-1.63	4.34	.84	3.16	- .39	3.03	- .72	7.14	4.04	.46	-2.22	4.43	1.90	41.52	2.27
MC HENRY R	3.09	1.44	2.49	1.03	1.91	- .36	2.29	- .47	1.56	-2.14	4.28	.53	-	-	2.05	-1.24	2.02	-2.02	2.03	- .72	-	-	4.11	2.57		
MC HENRY 2 S	2.92	1.27	2.41	.93	1.86	- .41	2.06	- .70	1.85	-1.85	5.66	1.93	4.56	1.35	1.90	-1.39	2.33	-1.71	2.23	- .52	.79	-1.26	4.92	3.38	33.49	1.02
MC LEANSBORO	9.92	6.16	2.66	.11	7.06	3.09	1.54	-2.37	2.42	-1.28	3.90	.08	3.71	.59	2.16	-1.17	7.07	3.47	8.71	5.70	1.05	-1.97	4.78	1.38	54.98	13.79
MEDORA	7.12	4.72	2.82	.86	2.13	-1.13	1.51	-2.42	4.54	.44	2.36	-1.68	9.25	5.90	1.71	-1.84	4.61	.83	7.08	3.83	.56	-2.09	4.28	2.06	47.97	9.48
MINONK	-	-	-	-	-	-	-	-	2.27	-1.50	6.19	2.64	4.32	1.34	1.01	-2.53	1.02	-2.66	2.54	- .03	.52	-1.65	6.32	1.66		
MOLINE WB AIRPORT	3.26	1.86	1.78	.20	2.76	.45	1.10	-1.59	1.82	-2.12	5.45	1.34	3.40	.07	7.12	3.63	1.96	-1.62	2.27	- .12	.71	-1.11	2.91	1.43	34.56	2.42
MONMOUTH AIRPORT	4.36	2.57	2.01	.46	2.82	.27	1.60	-1.45	1.42	-2.60	5.76	1.18	2.83	- .93	2.41	- .84	2.10	-2.23	1.71	- .96	.54	-1.73	2.59	1.07	30.15	-5.19
MONTICELLO	-	-	-	-	-	-	-	-	-	-	2.45	-1.55	4.77	1.54	2.00	-1.71	2.69	-1.10	8.72	5.78	.91	-1.53	5.94	3.70		
MORRIS	2.82	.99	1.62	.06	2.84	.33	1.63	-1.26	2.03	-1.56	3.30	.00	4.70	1.87	3.74	.17	.75	-3.11	2.48	- .16	-	-	5.08	3.39		
MORRIS 3 NE	3.13	1.30	2.00	.44	2.90	.39	1.51	-1.38	2.13	-1.46	3.52	.22	5.28	2.45	3.96	.39	.56	-3.30	2.80	.16	.63	-1.69	5.74	4.05	34.16	1.57
MORRISON	3.30	1.73	1.58	.12	2.60	.22	1.99	-1.71	1.25	-2.96	3.20	-1.09	4.99	1.35	3.96	.22	.43	-3.60	1.97	- .56	.57	-1.51	4.77	.90	27.66	-6.89
MORRISONVILLE R	5.55	3.35	3.23	1.48	1.61	-1.41	1.95	-1.47	2.07	-1.79	-	-	3.44	.33	-	-	2.25	-1.16	5.08	2.22	.42	-1.98	5.08	3.11		
MORRISONVILLE 1 E	5.70	3.50	3.32	1.58	1.40	-1.62	1.60	-1.82	2.12	-1.79	2.18	-1.91	4.12	1.01	1.26	-2.26	2.20	-1.21	5.04	2.18	.65	-1.75	4.62	2.65	34.21	-1.44
MT CARMEL	11.36	7.35	2.82	.12	6.67	2.34	1.79	-2.11	2.27	-1.60	4.81	.55	4.27	1.03	4.53	1.19	3.18	- .27	7.32	3.82	.81	-2.45	6.95	3.37	56.78	13.34
MT CARMEL WTR WORKS R	11.06	7.05	2.77	.07	6.87	2.54	1.56	-2.34	2.31	-1.56	4.16	- .10	3.84	.60	-	-	2.98	- .47	7.05	3.55	.67	-2.59	4.29	.71		
MOUNT CARROLL	3.23	1.75	1.36	.06	2.97	.90	1.97	- .81	1.58	-2.45	5.60	1.17	2.19	-1.28	4.90	.93	2.74	-1.56	1.60	-1.07	1.30	- .92	3.75	2.20	33.19	-1.08
MOUNT OLIVE	6.19	3.75	3.72	1.63	2.58	- .78	1.84	-1.95	4.17	.14	2.49	-1.67	3.52	.51	2.81	- .92	3.17	- .51	7.14	3.90	.33	-2.27	5.61	3.35	43.57	5.18
MOUNT PULASKI	5.92	3.81	2.60	.84	1.66	-1.52	1.84	-1.74	1.97	-2.06	3.09	- .85	4.79	1.54	3.51	.11	1.54	-2.61	4.71	1.76	.36	-2.04	4.92	2.99	36.91	.23
MOUNT STERLING	4.59	2.78	2.11	.56	2.22	- .51	1.59	-1.76	2.67	-1.65	3.12	- .93	4.19	1.05	2.29	-1.23	3.47	- .95	4.03	1.62	.59	-1.67	5.09	3.41	35.96	.72
MT VERNON	11.02	7.71	3.10	.58	3.89	.01	1.56	-2.25	2.29	-1.84	4.74	.60	1.30	-1.58	2.76	- .89	5.36	1.85	9.09	5.77	.28	-2.66	4.20	1.21	49.59	8.61
MURPHYSBORO WTR W R//	-	-	2.92	.50	7.33	3.58	1.27	-2.79	1.55	-2.57	5.63	1.59	-	-	-	-	5.15	1.56	9.77	6.62	.36	-2.74	4.48	1.53		
NASHVILLE	7.87	4.93	3.40	1.36	4.70	1.12	1.48	-2.39	3.93	.03	3.53	- .27	4.17	1.00	2.41	-1.21	7.15	3.96	8.14	4.70	.23	-2.56	4.73	2.19	51.74	12.86
NEWARK 7 E	4.22	2.47	2.41	.87	2.40	- .16	1.61	-1.23	2.52	-1.38	3.71	.01	5.89	2.95	-	-	1.28	-2.70	2.38	- .32	.73	-1.60	6.03	4.38		
NEW BOSTON 2 NW	2.94	1.46	1.61	.24	3.24	.86	1.39	-1.58	2.10	-1.88	6.85	2.45	5.92	2.47	3.53	- .01	2.04	-2.30	2.12	- .42	.68	-1.45	2.43	.94	34.85	.78
NEW BURNSIDE	10.13	5.85	3.74	.90	7.96	3.61	.60	-3.82	4.17	.13	4.20	.07	5.68	2.38	2.10	-1.45	3.67	.11	7.85	4.35	.80	-2.73	5.47	1.86	56.37	11.26
NEWTON	7.06	4.18	-	-	-	-	1.21	-2.11	-	-	3.77	- .49	4.11	.85	-	-	2.16	-1.46	5.62	2.40	1.23	-1.67	-	-		
OLNEY RADIO STA	10.47	7.06	3.44	1.22	4.58	.66	1.58	-2.06	3.39	- .68	3.64	- .16	.92	-2.37	3.44	- .24	-	-	-	-	-	-	5.05	2.13		
OREGON WATER WKS R	2.46	.91	1.95	.60	2.07	- .23	1.46	-1.40	1.32	-2.54	4.02	- .17	3.90	.72	2.35	-1.40	-	-	-	-	-	-	3.21	1.60		
OTTAWA	3.72	1.98	2.09	.45	2.18	- .35	1.91	-1.07	1.70	-2.24	2.65	- .70	5.11	2.06	6.12	2.32	1.63	-2.21	1.60	- .95	.51	-1.66	5.41	3.85	34.63	1.48
PALESTINE	8.97	5.75	3.33	1.63	5.01	1.00	1.50	-1.91	2.26	-1.88	4.00	.02	3.67	.24	2.62	-1.16	2.92	- .57	8.03	4.83	1.23	-1.73	6.15	3.16	49.69	9.09
PANA	6.83	4.47	3.46	1.46	2.57	- .63	1.38	-2.08	2.81	-1.22	2.66	-1.47	2.42	- .70	2.50	-1.34	2.67	- .89	7.94	4.87	.76	-1.71	4.44	2.15	40.44	2.91
PARIS SEWAGE PLANT R	-	-	-	-	2.24	1.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.23	-1.52	4.04	1.62		
PARIS WATER WORKS	9.32	6.70	-	-	3.05	- .61	1.09	-2.42	1.89	-2.07	3.84	- .35	5.20	1.90	-	-	2.65	-1.00	8.51	5.49	1.09	-1.66	4.44	2.02		
PAW PAW	3.09	1.44	2.44	.90	1.93	- .61	2.11	- .67	1.32	-2.38	5.18	1.31	4.68	1.72	2.00	-1.51	1.94	-2.21	3.74	.87	.54	-1.69	4.08	2.47	33.05	- .36
PAYSON	-	-	2.00	.38	-	-	-	-	-	-	8.24	3.84	-	-	1.38	-2.31	3.26	-1.31	-	-	.41	-1.89	4.91	3.29		
PEORIA LOCK & DAM R//	4.28	2.50	1.80	- .21	-	-	-	-	1.52	2.54	3.20	- .57	4.47	.89	1.90	-1.22	1.72	-2.31	3.09	.80	.76	-1.61	7.42	5.65		
PEORIA WB AIRPORT R	4.43	2.65	1.63	- .38	2.57	- .16	2.75	- .63	1.17	-2.89	3.25	- .52	4.93	1.35	1.28	-1.84	1.62	-2.41	2.71	.42	.65	-1.72	6.34	4.57	33.33	-1.56
PEOTONE	4.18	2.33	2.37	.70	2.69	- .01	1.69	-1.31	2.25	-1.55	2.70	- .86	5.86	2.83	1.68	-1.76	1.20	-2.13	2.46	- .29	1.14	-1.14	6.06	4.18	34.28	.99
PERU	3.35	1.72	1.81	.23	2.42	- .04	1.62	-1.26	1.77	-1.83	3.08	- .49	5.70	2.73	4.25	.39	1.35	-2.63	2.03	- .47	.80	-1.18	5.56	4.02	33.74	1.19
PETERSBURG	6.08	4.03	-	-	2.70	- .24	2.25	-1.02	3.13	- .96	2.76	-1.09	4.42	1.44	4.97	1.71	2.82	-1.07	4.49	1.79	.63	-1.71	4.05	2.34		
PIPER CITY R	-	-	1.93	.23	1.48	-1.29	1.59	-1.65	3.96	.05	-	-	3.38	.24	-	-	-	-	3.46	.80	.43	-1.85	-	-		
PITTSFIELD WATER WKS	5.07	3.07	-	-	2.86	.10	1.67	-1.85	3.32	- .97	6.29	1.95	-	-	1.62	-1.86	2.42	-2.29	5.07	2.13	.35	-2.11	4.43	2.75		
PLEASANT HILL 2 E	5.48	3.42	2.32	.55	2.54	- .30	1.77	-1.80	4.77	- .59	6.71	2.49	8.39	5.14	2.67	- .87	3.42	- .98	4.31	1.27	.49	-2.05	4.03	2.30	46.90	9.76
PONTIAC	4.06	1.98	1.77	1.94	2.09	- .69	1.90	-1.45	2.01	-1.80	4.71	1.48	7.07	4.25	4.28	1.26	1.52	-2.10	2.12	- .53	.68	-1.58	5.58	3.70	37.79	6.46
PRAIRIE DU ROCHER R	-	-	2.65	1.07	5.80	3.11	-	-	-	-	-	-	-	-	-	-	-	-	9.23	6.03	-	-	5.23	2.71		
PRINCETON 1 S R//	3.20	1.48	2.08	.50	2.34	- .35	1.77	-1.28	-	-	3.02	- .66	4.19	.94	2.87	- .91	1.64	-2.30	2.11	- .64	.65	-1.55	4.04	2.57		
PRINCEVILLE 2 NW	3.45	1.73	1.94	.36	2.57	.00	1.20	-1.86	1.88	-2.11	3.09	- .55	2.31	- .90	1.38	-1.94	1.46	-2.48	2.60	.05	.52	-1.67	4.30	2.74	26.70	-6.63
PROPHETSTOWN R	2.76	1.18	1.67	.15	3.37	.94	1.16	-1.70	1.17	-3.01	5.06	.85	4.98	1.40	3.07	- .68	1.53	-2.47	2.14	- .51	.97	-1.15	2.81	1.33	30.69	-3.67
QUINCY	4.79	2.94	1.96	.36	1.77	- .70	1.76	-1.57	2.59	-1.72	5.10	.61	7.80	4.57	2.14	-1.56	4.85	.30	3.99	1.55	.26	-1.98	4.55	2.96	41.56	5.76
QUINCY CAA	5.03	3.18	1.76	.15	1.93	- .58	1.80	-1.54	3.15	-1.17	4.70	.22	5.30	2.08	2.76	- .94	4.61	.05	4.20	1.76	.33	-1.92	4.13	2.53	39.70	3.82
QUINCY DAM 21	4.24	2.38	1.84	.23	1.66	- .83	1.21	-2.13	2.28	-2.02	8.25	3.76	11.38	8.15	1.39	-2.32	4.38	- .18	3.92	1.48	.21	-2.04	3.90	2.30	44.66	8.80
QUINCY MEMORIAL BR	4.28	3.42	2.16	.55	1.68	- .81	1.80	-1.54	2.65	-1.66	5.70	1.23	9.12	5.89	1.93	-1.78	5.37	.81	4.07	1.63	.13	-2.12	4.05	2.45	42.94	8.07
RANTOUL CHANUTE AF	6.45	4.23	3.10	1.44	2.72	- .45	2.68	- .83	4.95	1.20	2.50	-1.30	3.14	- .15	1.00	-2.70	1.07	-2.48	9.90	7.13	1.30	- .97	5.97	4.01	44.78	9.13
RED BUD	7.78	4.97	3.21	1.13	4.84	1.48	1.34	-2.71	3.36	- .79	5.53	1.83	4.35	1.09	3.76	- .02	6.33	2.85	6.87	3.56	.20	-2.55	4.47	1.98	52.04	12.82
RICHVIEW R	8.94	5.94	2.92	.77	3.89	.23	-	-	2.19	-1.80	2.75	-1.27	3.50	.36	5.36	1.83	6.20	2.90	7.42	3.99	.21	-2.68	4.40	1.76		
ROBERTS 3 N	4.52	2.47	2.03	.36	2.31	- .49	1.32	-1.92	3.98	.18	2.65	- .57	5.53	2.41	1.98	-1.32	1.24	-2.28	4.94	2.29	.89	-1.37	5.48	3.65	36.87	3.41
ROCHELLE	1.12	- .35	1.30	- .05	2.06	- .25	2.08	- .78	1.01	-2.84	7.30	3.19	4.16	.46	2.17	-1.51	1.45	-2.75	2.51	- .42	.52	-1.56	*	-		
ROCKFORD	2.66	.98	2.20	.68	2.45	- .06	2.62	- .11	1.53	-2.36	5.29	1.17	3.93	.47	1.31	-2.53	2.25	-1.79	1.88	- .96	.62	-1.57	1.86	.29	28.60	-5.79
ROCKFORD CAA	3.01	1.36	1.79	.26	2.16	- .34	3.00	.27	1.31	-2.49	5.10	.99	4.29	.85	2.88	- .97	1.73	-2.34	1.51	-1.30	.73	-1.41	3.33	1.76	30.84	-3.36
ROCK ISLAND DAM 15	3.68	2.22	1.56	.13	2.41	.03	1.21	-1.61	2.13	-1.59	5.01	.75	5.65	2.33	9.52	5.87	2.93	-1.00	1.97	- .45	.58	-1.43	2.27	.81	38.90	6.08

See reference notes following Station Index

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ROCKPORT	-	-	1.32	- .42	-	-	-	-	-	-	-	-	-	-	1.53	-2.03	2.61	-1.91	3.85	.92	.16	-2.31	4.02	2.34		
RUSHVILLE	4.77	2.97	1.96	.49	2.30	- .42	2.03	-1.34	3.56	- .68	2.75	-1.12	4.98	1.82	2.55	- .92	3.13	-1.14	3.38	1.10	.58	-1.63	5.64	3.93	37.63	3.06
STE MARIE	8.76	5.65	1.07	-1.09	5.79	1.80	1.36	-2.04	3.05	-1.06	5.68	1.60	.86	-2.42	1.99	-1.82	2.65	- .93	7.18	3.98	1.33	-1.59	5.35	2.59	45.07	4.67
SALEM	9.43	6.45	3.81	1.59	4.34	.67	1.40	-2.62	1.89	-2.20	3.74	- .34	3.86	.62	3.40	- .26	7.18	3.85	8.84	5.36	.44	-2.41	3.80	1.14	52.13	11.85
SHAWNEETOWN NEW TOWN	10.52	6.19	4.40	1.58	7.87	3.46	1.93	-2.28	2.77	-1.17	3.34	- .37	4.24	.90	5.36	1.78	2.18	-1.00	6.08	2.97	.86	-2.58	4.79	1.26	54.34	10.74
SIDELL	7.51	5.00	3.51	1.65	2.38	-1.03	2.07	-1.43	3.44	- .43	3.33	- .57	6.28	3.07	2.39	- .98	1.79	-1.70	7.60	4.67	1.44	-1.17	4.82	2.50	46.56	9.58
SKOKIE N S TREAT W R	2.98	-	2.14	-	2.59	-	2.09	-	1.92	-	4.07	-	4.55	-	2.25	-	1.66	-	3.29	-	1.18	-	5.01	-	33.73	
SPARTA	9.00	6.03	3.15	1.08	4.19	.74	1.94	-2.17	2.59	-1.52	5.91	2.31	7.20	3.94	7.37	3.52	6.58	3.21	10.51	7.05	.19	-2.63	3.96	1.31	62.59	22.87
SPRINGFIELD WB ARPT	5.67	3.57	2.65	.32	2.01	-1.16	1.95	-1.56	2.52	-1.86	3.10	- .96	3.43	.57	4.21	1.04	2.21	-1.43	4.60	2.07	.43	-2.09	4.74	2.56	37.52	1.07
SPRINGFIELD WB CITY	5.65	3.55	2.45	.12	1.87	-1.30	1.62	-1.89	3.53	- .85	3.73	-1.33	3.88	1.02	2.29	- .88	2.60	-1.04	5.39	2.86	.34	-2.18	5.03	2.85	37.38	.93
STICKNEY W SIDE TR R	-	-	-	-	-	-	2.16	-	2.23	-	4.58	-	3.90	-	.95	-	1.78	-	2.94	-	-	-	-	-		
STOCKTON	3.20	1.85	1.55	.32	1.90	- .14	1.06	-1.62	1.47	-2.37	5.52	1.29	4.08	.17	2.91	-1.05	1.36	-2.81	1.72	- .86	1.12	- .93	2.12	.66	28.01	-5.49
STREATOR	3.54	1.71	2.35	.76	2.17	- .62	2.15	-1.08	1.64	-2.02	4.36	.84	6.61	3.51	2.33	-1.02	.83	-2.85	1.89	- .62	.42	-1.90	7.25	5.53	35.54	2.24
SULLIVAN WTR WKS R	-	-	3.27	1.30	2.23	-1.32	1.69	-2.06	5.00	.67	-	-	2.14	-1.07	1.98	-1.74	-	-	6.99	3.95	.72	-1.96	4.21	1.79		
SYCAMORE	2.99	1.49	1.22	.75	1.88	- .71	1.95	- .83	1.75	-2.23	6.48	2.48	1.38	5.30	1.99	-1.98	2.11	-1.94	2.36	- .66	.62	-1.49	1.24	2.66	36.97	2.84
TABLE GROVE	4.66	2.80	2.03	.48	2.66	.07	2.57	- .55	2.28	-1.72	4.11	.03	3.32	- .40	2.21	-1.06	2.39	-1.67	3.01	.53	.67	-1.51	5.25	3.69	35.16	.69
TAYLORVILLE	5.80	3.53	3.61	1.76	1.46	-1.71	1.78	-1.65	1.88	-2.08	2.97	-1.01	1.70	-1.44	3.09	- .48	2.86	- .63	5.68	2.77	.44	-1.96	4.93	2.92	36.20	.02
TISKILWA	2.70	.99	2.29	.67	2.19	- .56	1.36	-1.77	2.32	-1.80	2.92	- .76	4.86	1.59	5.20	1.52	1.27	-2.60	2.55	- .24	.61	-1.66	3.60	2.04	31.87	-2.58
TOULON	3.76	2.11	2.17	.63	2.51	- .14	2.35	- .71	1.73	-2.38	4.02	.32	3.31	.00	3.38	- .06	1.11	-2.77	2.78	.21	.43	-1.75	4.16	2.67	31.71	-1.87
TUSCOLA	7.87	5.57	3.21	1.29	2.77	- .67	1.99	-1.69	4.32	.23	3.55	- .50	3.91	.64	2.28	-1.50	2.19	-1.49	6.89	3.80	.92	-1.61	4.76	2.46	44.66	6.53
URBANA	6.21	4.04	2.96	1.10	2.40	- .89	2.26	-1.34	4.43	.60	4.57	.70	4.93	1.82	2.37	-1.16	1.67	-1.68	7.73	4.91	1.00	-1.47	5.00	2.85	45.53	9.48
URBANA EXP FARM R	5.16	2.99	3.07	1.21	2.09	-1.20	2.03	-1.57	3.35	- .48	4.06	.19	4.12	1.01	1.85	-1.68	1.28	-2.07	7.57	4.75	.95	-1.52	4.68	2.53	40.21	4.16
URBANA WATER WORKS	-	-	-	-	-	-	2.07	-1.53	4.21	.38	4.16	.29	5.02	1.91	2.28	-1.25	1.37	-1.98	8.22	5.40	.96	-1.51	-	-		
UTICA STARVED ROCK D	3.06	1.39	1.54	- .04	2.04	- .45	1.55	-1.33	1.36	-2.24	2.48	-1.02	4.69	1.72	3.07	- .74	1.69	-2.25	1.86	- .64	.43	-1.58	4.77	3.23	28.54	-3.95
VANDALIA	7.65	5.10	3.46	1.34	2.97	- .53	.83	-2.84	4.61	.72	5.01	.98	2.00	-1.22	1.86	-1.89	3.97	.60	7.91	4.59	-	-	4.45	2.01		
VIRDEN	5.94	3.72	2.73	.97	1.81	-1.24	2.54	- .87	4.51	.52	1.71	-2.24	5.99	2.94	4.12	.67	2.88	- .89	6.53	3.50	.39	-2.11	4.75	2.82	43.90	7.79
WALNUT	3.25	1.55	1.86	.30	2.12	- .36	1.64	-1.10	2.59	-1.45	3.85	.02	4.28	.91	5.10	1.27	1.57	-2.83	2.11	- .63	.50	-1.56	3.89	2.42	32.76	-1.46
WARSAW	4.04	2.43	1.65	.16	2.20	- .05	1.70	-1.44	1.54	-2.64	6.76	2.06	3.44	.13	3.61	.25	2.00	-1.44	2.67	- .02	.91	-1.29	3.59	2.05	34.91	.20
WASHINGTON R	4.74	2.82	2.00	.20	2.57	- .27	2.71	- .61	2.52	-1.59	2.95	- .83	3.21	- .03	1.72	-1.56	1.58	-2.44	2.37	- .27	-	-	7.88	6.22		
WATERLOO	6.99	4.35	2.04	- .02	3.05	- .06	1.17	-2.82	3.56	- .63	3.75	.08	6.63	3.36	.94	-2.69	7.49	4.01	8.09	4.80	.39	-2.29	4.67	2.28	48.77	10.37
WATERMAN R//	3.02	1.37	1.65	1.11	-	-	1.64	-1.11	1.24	-2.66	5.41	1.48	3.69	.71	-	-	2.14	-2.03	3.01	.09	.46	-1.77	4.37	2.71		
WATSEKA	4.55	2.61	2.39	.79	2.48	- .49	1.75	-1.58	5.22	.93	3.17	- .45	10.69	7.41	1.70	-1.84	2.17	-1.47	4.74	1.95	1.18	-1.20	5.64	3.55	45.68	10.21
WAUKEGAN	3.55	1.89	2.59	1.17	2.35	- .10	2.04	- .77	2.04	-1.47	4.52	1.37	3.91	.93	1.83	-1.26	1.50	-2.25	2.01	- .71	.75	-1.36	4.71	3.00	31.80	.44
WAYNE CITY	11.38	8.18	3.09	.69	6.45	2.60	1.17	-2.61	2.72	-1.30	4.15	.09	2.36	- .64	2.62	-1.01	4.50	.95	7.53	4.29	.74	-2.18	4.99	2.02	51.70	11.08
WENONA R	3.82	2.16	1.76	.14	2.09	- .49	1.77	-1.19	2.21	-1.59	-	-	5.55	2.50	-	-	-	-	1.96	- .56	.73	-1.45	5.88	4.23		
WEST FRANKFORT 8 E R	9.69	6.18	3.39	.90	5.64	1.67	1.33	-2.56	2.29	-1.52	3.24	- .72	2.10	-1.08	4.75	1.35	2.94	- .54	9.68	6.46	.77	-2.32	-	-		
WHEATON COLLEGE	2.40	.65	-	-	-	-	1.78	-1.06	2.40	-1.37	5.42	1.45	4.02	.97	1.97	-1.33	3.03	- .93	2.80	.00	.87	-1.35	-	-		
WHITE HALL 1 E	4.94	2.86	2.29	.50	1.77	-1.28	2.20	-1.42	3.34	- .74	5.29	1.35	6.30	3.09	1.35	-2.14	3.96	- .22	4.90	1.63	.21	-2.40	4.25	2.32	40.80	3.55
WILCOX	11.13	7.87	4.90	2.72	4.90	1.04	1.24	-2.43	4.32	.32	2.68	-1.14	4.99	1.74	3.27	- .38	4.31	.75	6.55	3.45	1.20	-1.78	4.56	2.00	54.35	14.16
WINDSOR	8.05	5.63	3.61	1.03	2.66	-1.03	1.49	-2.27	3.99	- .48	2.99	-1.25	3.51	.11	3.02	- .56	4.42	.59	8.09	5.10	.51	-2.12	3.93	1.42	46.27	6.17

See reference notes following Station Index

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALEDO	96	7- 1+	- 9	1-30	4-16 (23°)	4-16 (23°)	4-19 (29°)	10-25 (31°)	10-26 (25°)	10-31 (21°)	198	193	189
ALTON DAM 26	100	7- 2	- 1	1-30	3-19 (22°)	3-19 (22°)	4-19 (32°)	10-26 (32°)	10-31 (28°)	11-22 (21°)	248	226	190
ANNA	95	7- 1	4	1-30	3-19 (24°)	3-19 (24°)	4-19 (29°)	10-27 (31°)	11- 1 (24°)	11- 1 (24°)	227	227	191
ANTIOCH	94	7- 3	- 9	1-30	4-16 (23°)	4-16 (23°)	4-25 (31°)	9-29 (32°)	10-26 (27°)	11-21 (22°)	219	193	157
AURORA COLLEGE	98	7- 1	-10	2- 5	4-16 (22°)	4-16 (22°)	5-11 (32°)	9-24 (30°)	11- 1 (22°)	11- 1 (22°)	199	199	136
BELLEVILLE SCOTT AF BSE	97	7- 1	1	1-30	3-19 (24°)	3-19 (24°)	4-16 (31°)	10-27 (31°)	11- 1 (28°)	11-22 (21°)	248	227	194
BENTON	-	-	-	-	-	-	-	-	-	-	-	-	-
BLOOMINGTON NORMAL	97	7- 1+	- 4	1-30	4-16 (24°)	4-16 (24°)	4-19 (31°)	10-25 (30°)	10-26 (27°)	11- 5 (24°)	203	193	189
CAIRO WB CITY	95	7- 9+	9	1-30	3-15 (24°)	3-16 (27°)	3-19 (30°)	11- 1 (31°)	11-22 (26°)	12-15 (20°)	275	251	227
CARBONDALE SEWAGE PL	96	7- 1	6	1-30	3-18 (22°)	4-19 (28°)	4-19 (28°)	9-30 (31°)	10-27 (28°)	11- 1 (23°)	227	191	164
CARLINVILLE 4 E	98	7- 1	- 4	1-30	3-19 (16°)	4-19 (28°)	4-19 (28°)	9-30 (28°)	9-30 (28°)	10-27 (23°)	222	164	164
CARLYLE	96	7- 4	0	1-30	3-19 (20°)	4-19 (28°)	4-19 (28°)	10-26 (31°)	10-27 (27°)	11- 1 (24°)	227	191	190
CHARLESTON	100	7- 2	- 4	1-30	3-19 (17°)	3-20 (28°)	4-19 (31°)	10-25 (32°)	11- 1 (24°)	11- 1 (24°)	227	226	190
CHICAGO HEIGHTS	-	-	-	-	-	-	-	10-25 (29°)	10-26 (27°)	11-22 (11°)	-	-	-
CHICAGO UNIVERSITY	98	7- 3	- 4	1-30	3-19 (21°)	3-19 (21°)	4-16 (29°)	11- 1 (32°)	11-21 (25°)	11-22 (19°)	248	247	199
CHICAGO WB AIRPORT	102	7- 3	- 4	1-30	3-19 (16°)	4-16 (26°)	4-19 (30°)	10-25 (31°)	11- 1 (25°)	11-21 (20°)	247	199	189
CHICAGO WB CITY	99	7- 3	- 2	1-30	3-19 (22°)	4-16 (28°)	4-16 (28°)	11- 3 (31°)	11-21 (25°)	11-22 (21°)	248	219	201
CICERO	100	7- 3	- 5	1-30	3-19 (16°)	4-16 (26°)	4-19 (32°)	10-25 (31°)	11- 1 (27°)	11-21 (24°)	247	199	189
DANVILLE	99	6-28+	- 3	1-30	3-19 (16°)	4-17 (27°)	4-20 (32°)	9-30 (30°)	10-27 (26°)	11- 1 (24°)	227	193	163
DECATUR	98	7- 1+	- 3	1-30	3-19 (17°)	4-16 (28°)	4-19 (30°)	10-25 (32°)	11- 1 (25°)	11-22 (17°)	248	199	189
DIXON	99	7- 3	-13	1-20	4-16 (18°)	4-19 (27°)	4-20 (31°)	9-30 (30°)	10-24 (28°)	10-26 (23°)	193	188	163
DU QUOIN	97	7- 1+	4	1-30	3-19 (23°)	3-19 (23°)	4-19 (29°)	10-27 (31°)	11- 1 (25°)	11-22 (20°)	248	227	191
EAST ST LOUIS	101	7- 1	1	1-30	3-19 (24°)	3-19 (24°)	3-20 (31°)	10-27 (32°)	11- 1 (27°)	11-22 (21°)	248	227	221
EFFINGHAM CAA	94	7- 1+	- 1	1-30	3-19 (18°)	3-20 (28°)	4-19 (31°)	9-30 (31°)	10-31 (26°)	11- 1 (24°)	227	225	164
ELIZABETHTOWN	96	7- 1+	-	-	3-19 (23°)	3-19 (23°)	4-16 (30°)	11- 1 (24°)	11- 1 (24°)	11- 1 (24°)	227	227	199
FAIRFIELD	95	7- 1	3	1-30	3-19 (22°)	3-19 (22°)	4-19 (31°)	10-27 (32°)	11- 1 (24°)	11- 1 (24°)	227	227	191
FLORA	95	7- 1+	- 1	1-30	3-19 (19°)	3-19 (19°)	4-19 (30°)	10-27 (29°)	11- 1 (26°)	11-22 (20°)	248	227	191
FREEPORT	97	7- 1	-23	1-20	4-16 (13°)	4-24 (28°)	5-11 (32°)	9-24 (32°)	9-29 (26°)	10-26 (22°)	193	158	136
FULTON DAM 13	96	7- 1	-13	1-20	3-19 (20°)	4-16 (26°)	4-16 (26°)	10-25 (32°)	11- 3 (26°)	11-22 (18°)	248	201	192
GALESBURG	97	7- 3	- 3	1-29	3-19 (17°)	4-16 (27°)	4-19 (30°)	10-25 (32°)	10-26 (28°)	10-31 (24°)	226	193	189
GALVA	98	7- 3	- 8	1-20	4-16 (22°)	4-16 (22°)	4-19 (29°)	9-29 (32°)	10-26 (26°)	10-31 (23°)	198	193	163
GOLCONDA DAM 51	95	7- 9	6	1-30	3-16 (24°)	3-19 (26°)	4-19 (31°)	10-31 (30°)	11- 1 (27°)	11-21 (24°)	250	227	195
GREENVILLE	94	7- 1+	2	1-29+	3-19 (22°)	3-19 (22°)	4-19 (31°)	10-27 (32°)	11- 1 (25°)	11-22 (17°)	248	227	191
GRIGGSVILLE	98	7- 1+	- 5	1-30	3-18 (17°)	4-15 (28°)	4-19 (29°)	9-29 (32°)	10-26 (27°)	10-31 (21°)	227	194	163
HARRISBURG	104	6-30	6	1-30	3-19 (24°)	3-19 (24°)	4-25 (32°)	9-30 (30°)	10-27 (28°)	11- 1 (23°)	227	222	158
HAVANA	100	7- 1	- 4	1-30	3-20 (23°)	4-16 (28°)	4-19 (30°)	9-30 (32°)	10-25 (28°)	11-22 (17°)	247	192	164
HENRY	99	7- 2	- 4	1-30	4-16 (23°)	4-16 (23°)	4-19 (30°)	9-29 (29°)	10-25 (28°)	11- 5 (24°)	203	192	163
HILLSBORO	96	7- 2	- 2	1-30	3-19 (20°)	3-20 (28°)	4-19 (31°)	10-25 (32°)	10-27 (26°)	11-22 (16°)	248	221	189
HOOPESTON	97	7- 2+	- 3	1-30	3-19 (15°)	4-16 (27°)	4-19 (32°)	9-30 (30°)	10-27 (27°)	11- 1 (22°)	227	194	164
JACKSONVILLE	100	7- 2	- 4	1-30	3-19 (16°)	4-19 (27°)	4-19 (27°)	9-30 (31°)	10-27 (28°)	11- 1 (23°)	227	191	164
JERSEYVILLE	-	-	-	-	-	-	-	10-26 (31°)	10-31 (26°)	11-22 (19°)	-	-	-
JOLIET WB AIRPORT	99	7- 1+	-10	2- 5	4-16 (24°)	4-16 (24°)	5-11 (32°)	9-24 (31°)	10-25 (25°)	10-31 (23°)	198	192	134
KANKAKEE	98	7- 1	- 6	2- 5	3-19 (19°)	4-16 (26°)	4-25 (32°)	10-25 (30°)	10-27 (27°)	11-21 (24°)	247	194	183
KANKAKEE 4 W	96	7- 3	-12	2- 5	3-19 (16°)	4-16 (26°)	4-25 (32°)	10-25 (27°)	10-25 (27°)	11- 1 (23°)	227	192	183
KEWANEE	97	7- 1+	- 8	1-20	4-16 (22°)	4-16 (22°)	4-19 (30°)	10-23 (32°)	10-26 (26°)	10-31 (23°)	198	193	187
LA HARPE	97	7- 1	-10	1-20	4-16 (24°)	4-19 (27°)	4-19 (27°)	10-12 (32°)	10-26 (25°)	10-31 (22°)	198	190	176
LA SALLE	103	7- 3	- 4	1-30	4-16 (24°)	4-16 (24°)	4-19 (32°)	9-29 (31°)	10-25 (27°)	11- 3 (24°)	201	192	163
LINCOLN	100	7- 1+	- 3	1-30	3-19 (17°)	4-16 (28°)	4-19 (30°)	10-25 (30°)	10-31 (27°)	11- 5 (24°)	231	198	189
MARENGO	98	7- 3	-13	1-20	4-16 (21°)	4-16 (21°)	5-28 (32°)	9-24 (31°)	9-29 (28°)	10-26 (24°)	193	166	119
MATTOON	97	7- 2	- 2	1-30	3-19 (18°)	4-19 (28°)	4-19 (28°)	10-26 (32°)	11- 1 (28°)	11-21 (24°)	247	196	190
MC LEANSBORO	97	7- 1+	3	1-30	3-16 (24°)	3-19 (27°)	3-19 (27°)	10-27 (32°)	11- 1 (25°)	11-22 (19°)	251	227	222
MINONK	96	7- 2+	-	-	4-16 (23°)	4-16 (23°)	4-19 (29°)	9-24 (32°)	10-25 (26°)	10-26 (24°)	193	192	158
MOLINE WB AIRPORT	98	7- 3	-15	1-19+	3-19 (16°)	4-16 (25°)	4-19 (29°)	9-29 (30°)	10-31 (25°)	11- 3 (22°)	229	198	163
MONMOUTH	96	7- 1+	-11	1-20	3-19 (15°)	4-19 (28°)	4-19 (28°)	10-25 (28°)	10-25 (28°)	10-26 (24°)	221	189	189
MORRIS 3 NE	97	7- 3	- 9	2- 5	4-16 (22°)	4-16 (22°)	5-11 (31°)	9-29 (31°)	10-25 (27°)	11- 5 (24°)	203	192	139
MORRISON	99	7- 1	-18	1-20	4-16 (18°)	4-19 (27°)	4-24 (32°)	9-24 (32°)	9-29 (27°)	10-26 (22°)	193	163	152
MORRISONVILLE 1 E	98	7- 1+	- 6	1-30	3-19 (16°)	4-19 (25°)	4-19 (25°)	9-30 (31°)	10-27 (26°)	11- 1 (24°)	227	191	164
MT CARMEL	98	7- 1	4	1-30	3-19 (22°)	3-19 (22°)	4-19 (32°)	10-27 (31°)	11- 1 (25°)	11-22 (20°)	248	227	191
MOUNT CARROLL	96	7- 1	-20	1-20	4-16 (21°)	4-19 (27°)	5-11 (32°)	9-24 (31°)	9-29 (27°)	10-26 (24°)	193	163	134
MT VERNON	98	7- 1+	- 2	1-30	3-19 (17°)	4-16 (25°)	4-20 (30°)	9-30 (30°)	11- 1 (20°)	11- 1 (20°)	227	199	163
NEW BURNSIDE	95	8-11	3	1-30	3-21 (18°)	4-19 (26°)	4-19 (26°)	10-27 (27°)	10-27 (27°)	11- 1 (22°)	225	191	191
NEWTON	98	7- 2+	-	-	-	-	4-16 (29°)	9-30 (31°)	10-27 (27°)	11- 1 (24°)	-	-	167
OLNEY	98	7-29	1	1-30	3-19 (21°)	3-19 (21°)	4-19 (32°)	-	-	-	-	-	-
OTTAWA	100	7- 1	- 4	1-30+	4-16 (24°)	4-16 (24°)	4-19 (31°)	9-29 (32°)	10-26 (27°)	11-22 (21°)	220	193	163
PALESTINE	97	8-10	1	1-30	3-19 (19°)	3-20 (28°)	4-19 (31°)	9-30 (32°)	10-27 (26°)	11- 1 (22°)	227	221	164
PANA	103	7- 2	- 4	1-30	3-19 (19°)	4-16 (28°)	4-19 (30°)	10-25 (32°)	11- 1 (23°)	11- 1 (23°)	227	199	189
PARIS WATER WORKS	99	7- 1+	- 3	1-30	3-19 (17°)	3-19 (17°)	4-19 (30°)	10-27 (29°)	11- 1 (24°)	11- 1 (24°)	227	227	191
PEORIA WB AIRPORT	98	7- 2	- 4	1-29+	3-19 (17°)	4-16 (26°)	4-19 (30°)	9-29 (32°)	10-26 (27°)	11-21 (20°)	247	193	163
PONTIAC	95	7- 3	- 3	1-30	3-19 (18°)	4-16 (25°)	4-19 (31°)	9-29 (32°)	10-26 (28°)	11-21 (24°)	247	193	163
QUINCY	100	6-30+	- 4	1-30	3-19 (20°)	3-19 (20°)	4-19 (29°)	10-26 (29°)	10-31 (25°)	11-22 (21°)	248	226	190
QUINCY CAA	98	7- 2+	- 6	1-30	3-19 (19°)	3-19 (19°)	-	10-25 (31°)	10-26 (26°)	10-31 (21°)	226	221	-
RANTOUL CHANUTE AF BASE	97	7- 1+	- 2	1-29+	3-19 (19°)	4-16 (28°)	4-16 (28°)	10-26 (31°)	11- 1 (25°)	11-21 (23°)	247	199	193
ROBERTS 3 N	96	7- 1+	- 3	1-30+	3-19 (17°)	4-16 (25°)	5-11 (32°)	10-25 (30°)	10-26 (28°)	11- 1 (23°)	227	193	167
ROCKFORD	97	7- 1+	- 9	1-29+	4-16 (19°)	4-19 (28°)	4-19 (28°)	9-29 (28°)	9-29 (28°)	10-26 (24°)	193	163	163
ROCKFORD CAA	96	7- 1+	-22	1-20	4-16 (18°)	4-19 (28°)	5-11 (32°)	9-24 (31°)	9-29 (28°)	10-26 (24°)	193	163	136
RUSHVILLE	96	6-30+	- 4	1-30	3-19 (19°)	4-19 (28°)	4-19 (28°)	10-25 (30°)	10-26 (28°)	11- 3 (24°)	229	190	189
SPARTA	96	7- 1	1	1-30	3-19 (24°)	3-19 (24°)	4-16 (30°)	10-27 (31°)	11- 1 (23°)	11- 1 (23°)	227	227	196
SPRINGFIELD WB AIRPORT	98	7- 1	- 2	1-30	3-19 (17°)	4-19 (27°)	4-19 (27°)	10-25 (32°)	11- 1 (27°)	11-21 (21°)	247	196	189
SPRINGFIELD WB CITY	100	7- 1	0	1-30	3-19 (22°)	3-19 (22°)	4-16 (30°)	10-31 (30°)	11-21 (26°)	11-22 (21°)	248	247	198
STOCKTON	96	7- 1	-16	1-20	4-16 (17°)	4-24 (26°)	4-24 (26°)	9-29 (26°)	9-29 (26°)	10-26 (24°)	193	158	158
SYCAMORE	99	7- 1	- 9	1-20	4-16 (16°)	4-19 (28°)	5-11 (30°)	9-29 (28°)	9-29 (28°)	10-26 (24°)	193	163	141
TABLE GROVE	98	7- 3	- 3	1-30	3-19 (20°)	4-16 (27°)	4-19 (29°)	10-26 (27°)	10-26 (27°)	10-31 (24°)	226	193	190
TUSCOLA	99	7- 1	- 4	1-30	3-19 (17°)	3-20 (28°)	4-19 (30°)	10-26 (31°)	11- 1 (24°)	11- 1 (24°)	227	226	190
URBANA	97	7- 1+	- 3	1-30	3-19 (17°)	4-16 (27°)	4-16 (27°)	10-26 (32°)	11- 1 (24°)	11- 1 (24°)	227	199	193
VIRDEN	97	6-30+	- 2	1-30	3-19 (19°)	3-20 (28°)	4-19 (29°)	10-23 (31°)	10-26 (28°)	11- 1 (22°)	227	220	187
WALNUT	100	7- 3	-10	1-20	4-16 (20°)	4-16 (20°)	4-24 (31°)	9-29 (29°)	10-26 (25°)	10-31 (24°)	198	193	158
WATSEKA	98	7- 1	- 6	2- 5	3-19 (16°)	4-16 (25°)	4-25 (32°)	10-25 (31°)	10-27 (27°)	11- 1 (24°)	227	194	183
WAUKEGAN	97	7- 4	- 7	1-30	4-16 (24°)	4-16 (24°)	4-25 (31°)	9-29 (31°)	10-26 (27°)	11- 1 (23°)	199	193	157
WHITE HALL 1 E	98	7- 1+	- 2	1-30	3-20 (22°)	4-19 (28°)	4-19 (28°)	9-30 (32°)	10-31 (26°)	11- 1 (23°)	226	195	164
WINDSOR	97	7- 2	- 4	1-30	3-19 (17°)	4-16 (28°)	4-20 (32°)	10-25 (32°)	10-27 (28°)	11- 1 (23°)	227	194	188

See reference notes following Station Index

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr. normal
CARBONDALE SEWAGE PL	EVAP			2.908B	4.51 B	6.89	7.55	6.64	7.23	4.75 B	3.47 B	-			
	DEP			-	-	-	-	-	-	-	-	-			
	WIND			-	2089	1932	1685	1535	912	1313	1551	2359			
SPRINGFIELD WB AIRPORT	EVAP				-	8.34 B	8.20 B	8.05 B	7.08 B	5.91 B	4.14 B	-			
	DEP				-	+2.44	+1.22	- .34	- .14	- .24	+ .42	-			
	WIND				-	3348	2581	2333	1634	2523	2820	-			
URBANA WATER WORKS	EVAP				3.80 B	6.39	6.37	6.67	5.46	4.15	5.89 B	1.29			
	DEP				-	-	-	-	-	-	-	-			
	WIND				1083	1473	1141	1091	732	947	1464	1282			

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau typepan of 4 foot diameter unless otherwise shown by foot note following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

-	No record.
+	Also later dates or months.
//	Gage is equipped with a windshield.
B	Adjusted to full month.
E	Water equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	1 to 10 days' record missing; see monthly Climatological Data for detailed daily record.
P	Less than one-half day.
R	Station equipped with a recording gage only.
T	Trace, an amount too small to measure.
V	Includes total for previous month.

The subscription price for this bulletin is 15 cents per copy or $1.50 a year. (Yearly subscription includes the annual summary). Correspondence regarding subscriptions should be addressed to Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois).

See reference notes following Station Index

STATION INDEX

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		37				2
ALEDO	0072	MERCER	4	41 12	90 45	739	48	50				1 2 3
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	694		9				2
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432		5				1 2 3
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	65	65				1 2 3
ANNAWAN	0195	HENRY	6	41 24	89 55	620		8				2
ANTIOCH	0203	LAKE	1	42 29	88 06	770	29	29				1 2 3
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		9				2
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	69	79				1 2 3
BARRY	0445	PIKE	4	39 42	91 02	740		8				2
BEARDSTOWN	0492	CAA	1	40 01	90 26	444		48				2
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		9				2
BELLEVILLE SCOTT AF BASE	0510	ST CLAIR	2	38 32	89 51	444	26	26				1 2 3
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		8				2
BENTLEY	0598	HANCOCK	4	40 20	91 07	671						2
BENTON	0608	FRANKLIN	5	38 00	88 55	474		46				2
BLOOMINGTON	0761	MC LEAN	1	40 30	89 01			45				2
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	56	58				1 2 3
BLUFFS	0781	SCOTT	1	39 45	90 33	467		9				2
BRADFORD CAA AIRPORT	0873	BUREAU	1	41 13	89 37	795		7				2
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		23				2
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	77	78				1 2 3
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		6				2
CANTON	1250	FULTON	1	40 34	90 02	655		9				2
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	44	55				1 2 3 4
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	58	58				1 2 3
CARLYLE	1288	CLINTON	2	38 36	89 22	461	11	31				1 2 3
CARMI	1296	WHITE	7	38 05	88 10	399		26				2
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		11				2
CASEY	1329	CLARK	7	39 18	88 00	648		60				2
† CENTRALIA 4 W	1386	MARION	2	38 31	89 12	494		26				2
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		9				2
CHANNAHON DRESDEN ISLAND	1420	GRUNDY	1	41 24	88 17	510		8				2
CHARLESTON	1436	COLES	7	39 30	88 11	686	59	69				1 2 3
CHENOA	1475	MC LEAN	1	40 44	88 44	713		4				2
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		58				2
CHICAGO CALUMET TREAT WKS	1522	COOK	3	41 40	87 36	593		12				2
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		9				1 2 3
CHICAGO LAKEVIEW PUMPING STA	1532	COOK	3	41 58	87 40	651		16				2
CHICAGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592	77	16				2
CHICAGO MAYFAIR PUMPING STA	1542	COOK	3	41 58	87 45	647		23				2
CHICAGO N BRANCH PUMPING STA	1547	COOK	3	41 58	87 42	595		16				2
CHICAGO ROSKLAND PUMPING STA	1552	COOK	3	41 42	87 38	659		23				2
CHICAGO SAN DIST DISPATCHING	1557	COOK	3	41 50	87 42	602		18				2
CHICAGO SAN DISTRICT OFFICE	1562	COOK	3	41 52	87 38	898		23				2
CHICAGO SOUTH FILTER PL	1564	COOK	3	41 45	87 33							2
CHICAGO SPRINGFIELD PUMPING	1567	COOK	3	41 55	87 44	630		23				2
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594		78				1 2 3
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	624	21	21				1 2 3
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	79	79				1 2 3
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		9				2
CICERO	1648	COOK	3	41 51	87 46	608	15	15				1 2 3
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			9				2
† CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		39				2
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		11				2
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		9				2
CRETE	2011	WILL	3	41 27	87 38	675		7				2
DANVILLE	2140	VERMILION	7	40 08	87 38	602	46	49				1 2 3
DANVILLE HOSPITAL	2143	VERMILION	7	40 08	87 39	575				SEPT		2
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36							2
DANVILLE WATER WORKS	2150	VERMILION	7	40 08	87 39	555		7			AUG	2
DECATUR	2193	MACON	1	39 51	88 57	682	57	61				1 2 3
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		9				2
DIONA	2330	COLES	7	39 22	88 08	660		5				2
DIXON	2348	LEE	6	41 50	89 29	696	58	59				1 2 3
DOUGLAS	2397	KNOX	1	40 47	90 05	650		4				2
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		9				2
DU QUOIN	2483	PERRY	4	38 01	89 14	468	57	60				1 2 3
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		47				2
DWIGHT STATE REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		9				2
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7	7				1 2 3
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		50				2
EFFINGHAM CAA AIRPORT	2687	EFFINGHAM	7	39 09	88 32	512	49	51				1 2 3
ELGIN	2736	KANE	1	42 02	88 17	729		42				2
ELIZABETHTOWN	2750	HARDIN	5	37 27	88 18	357		7				2
ELSAH	2800	JERSEY	4	38 57	90 22	429		5				2
EVANSTON PUMPING STATION	2888	COOK	3	42 02	87 41	625		21				2
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 31	691		8				2
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	55	59				1 2 3
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		9				2
FLORA	3109	CLAY	7	38 40	88 29	490	59	75				1 2 3
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	43	44				1 2 3
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		8				2
FULTON DAM 13	3290	WHITESIDE	2	41 54	90 09	592	7	13				1 2 3
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		8				2
GALENA	3312	JO DAVIESS	6	42 25	90 26	603		29				2
GALESBURG	3320	KNOX	1	40 57	90 22	780		54				1 2 3
GALVA	3335	HENRY	1	41 10	90 02	849	56	73				1 2 3
GENESEO	3384	HENRY	6	41 27	90 09	639		51				2
GIBSON CITY	3413	FORD	1	40 28	88 23	753		15				2
GLADSTONE DAM 18	3455	HENDERSON	1	40 50	91 04	538		13				2
GLENDALE EXP FARM	3485	POPE		37 26	88 41	500		11				2
GOLCONDA DAM 51	3522	POPE		37 22	88 29	354	45	58				1 2 3
GOLDEN	3530	ADAMS	1	40 06	91 01	725		60				2
GRAFTON	3572	JERSEY	1	38 58	90 26	404		53				2
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 03	380		25		FEB		2
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		9				2
GREENFIELD	3666	GREENE	1	39 20	90 12	556		5				2
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		7				2
GREENVILLE	3693	BOND	2	38 53	89 24	563	60	66				1 2 3
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		9				2
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	62	67				1 2 3
HARDIN	3850	CALHOUN	1	39 09	90 37	700		9				2
HARRISBURG	3879	SALINE	5	37 44	88 32	366	51	51				1 2 3
† HARRISBURG DISPOSAL PLANT	3884	SALINE	5	37 44	88 31							2
HAVANA	3930	MASON	1	40 18	90 03	451	57	64				1 2 3
HAVANA #2	3940	MASON	1	40 18	90 04	460						2
HENRY	4017	MARSHALL	1	41 07	89 22	491	60	70				1 2 3
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	53	54				1 2 3
HOOPESTON	4198	VERMILION	7	40 28	87 40	717	47	47				1 2 3
HUDSON LAKE BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		8				2
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			8				2
HUTSONVILLE POWER PLANT	4317	CRAWFORD	7	39 06	87 40							2
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	554		13				2
JACKSONVILLE	4445	MORGAN	1	39 44	90 14	607	55	56				1 2 3
JACKSONVILLE SEWAGE PLANT	4447	MORGAN	1	39 44	90 14	575		9				2
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	6	6				1 2 3
JOLIET BRANDON ROAD DAM	4530	WILL	1	41 30	88 06	543		58				2
JOLIET WB AIRPORT	4532	WILL	1	41 30	88 10	584	7	8				1 2 3
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	35	38				1 2 3
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56	630		8				1 2 3
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		9				2
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		18				2
KEWANEE	4710	HENRY	1	41 14	89 55	851		9				1 2 3
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		9				2
KICKAPOO	4729	PEORIA	1	40 47	89 45			4				2
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	54	54				1 2 3
LANARK	4879	CARROLL	4	42 06	89 50	883		10				2
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	44	48				1 2 3
LAWN RIDGE	4951	MARSHALL	1	40 58	89 18	838		6				2
† LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		7				2
LE ROY	5036	MC LEAN	1	40 21	88 46	780		13				2
LINCOLN	5079	LOGAN	1	40 09	89 22	591	61	61				1 2 3
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600						2
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	583		9				2
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05			9				2
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		9				2
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		9				2
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		44				2
MARENGO	5420	MC HENRY	6	42 15	88 36	819	88	94				1 2 3
MARIETTA	5334	FULTON	1	40 30	90 24	546		9				2
MARION	5342	WILLIAMSON	4	37 44	88 55	448		7				2
† MAROA	5364	MACON	1	40 02	88 57	725		9				2
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 43	486		8				2
MARSHALL 1 W	5380	CLARK	7	39 23	87 42	606		9				2
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		67				2
MASON CITY	5413	MASON	1	40 12	89 42	581		9				2
MATTOON	5470	COLES	7	39 28	88 21	718						1 2 3
MC HENRY	5493	MC HENRY	1	42 21	88 16	750	10					2
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		8				2
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	65	67				1 2 3
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7				2
MINONK	5712	WOODFORD	1	40 54	89 02	751	58	58				1 2 3
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	16	18				1 2 3
† MONMOUTH AIRPORT	5768	WARREN	4	40 55	90 38	770	56	56				1
MONTICELLO	5791	PIATT	1	40 02	88 34	659		7				2
MORRIS	5820	PIATT	1	41 21	88 26							2
MORRIS 3 NE	5825	GUNDY	1	41 24	88 22	549	37	37				1 2 3
MORRISON	5833	WHITESIDE	6	41 49	89 58	670	53	53				1 2 3
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	608						2
† MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	618		53				1
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	48	48				2
MOUNT CARMEL WATER WORKS	5893	WABASH	7	38 25	87 46	424		4				2
MOUNT CARROLL	5901	CARROLL	4	42 06	89 59	817	39	39				1 2 3
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		19				2
MOUNT PULASKI	5927	LOGAN	1	40 00	89 11	687		14				2
MOUNT STERLING	5935	BROWN	1	39 59	90 45	711		6				2
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463						2
MURPHYSBORO WATER WORKS	5983	JACKSON	4	37 46	89 19	416						2
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 5	505		14				2
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	700		8				2
NEW BOSTON DAM 17	6086	MERCER	4	41 11	91 03	4		1				2
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01							2
NEW BURNSIDE	6093	JOHNSON	5	37 35	88 44	560	54	54				1 2 3
NEWTON	6159	JASPER	7	39 00	88 10	513	5	28				1 2 3
OLNEY RADIO STATION	6446	RICHLAND	7	38 42	88 04	472	61					2
OREGON	6490	OGLE	6	42 01	89 20	700						2
† OREGON WATER WORKS	6492	OGLE	6	42 01	89 20	700		4				2
OTTAWA	6528	LA SALLE	3	41 21	88 50	423	31	31				1 2 3
PALESTINE	6558	CRAWFORD	7	39 00	87 32	414	61	61				2
PANA	6579	CHRISTIAN	2	39 23	89 05	686	56	62				1 2 3
PARIS SEWAGE PLANT	6600	EDGAR	7	39 37	87 41	7		6				2
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 41	739	57	59				1 2 3
PAW PAW	6661	LEE	1	41 41	88 56	948		36				2
PAYSON	6680	ADAMS	4	39 49	91 14	650						2
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 34	445		4				2
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	9	9				1 2 3
PEOTONE	6725	WILL	1	41 20	87 48	722		9				2
PERU	6751	LA SALLE	1	41 20	89 08							2
PETERSBURG	6760	MENARD	1	40 01	89 51	548		4				2
PIPER CITY	6789	FORD	1	40 45	88 11	670		1		FEB		2
PITTSFIELD WATER WORKS	6811	PIKE	4	39 39	90 48	724		9				2
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	541		11				2
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	50	51				1 2 3
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		8				2
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		7				2
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	74		20				2
PROPHETSTOWN	7014	WHITESIDE	6	41 40	89 56	692		4				2
QUINCY	7067	ADAMS	4	39 57	91 23	601	7	7				1 2 3
QUINCY CAA AIRPORT	7072	ADAMS	4	39 56	91 11	670		6				1 2 3
QUINCY DAM 21	7077	ADAMS	4	39 54	91 29	480		11				2
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 24							2
RANTOUL CHANUTE AF BASE	7150	CHAMPAIGN	7	40 18	88 09	744		30				1 2 3
RED BUD	7157	RANDOLPH	2	38 13	90 00	444						2
RICHLAND	7244	WASHINGTON	7	38 22	89 11	544		9				2
ROBERTS 3 N	7336	FORD	7	40 46	88 11	780	14	18				1 2 3
ROCHELLE	7349	OGLE	6	41 55	89 04	798		25				2
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	729	59	76				1 2 3
ROCKFORD CAA AIRPORT	7380	WINNEBAGO	6	42 21	89 05	741	6	6				1 2
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		28				2
ROCKPORT	7400	PIKE	4	39 42	91 06	470						2
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	684	56	58				1 2 3
† STE MARIE	7603	JASPER	7	38 51	88 01	448						2
SALEM	7630	MARION	2	38 37	88 57	544		34				2
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6				2
SIDELL	7952	VERMILION	7	39 55	87 49							2
SKOKIE NORTH SIDE TREAT WKS	7990	COOK	3	42 01	87 43	600		23				2
SPARTA	8147	RANDOLPH	4	38 08	89 42	518		62				1 2 3
SPRINGFIELD WB AIRPORT	8179	SAN AMON	1	39 50	89 40	587	11	11				1 2 3 4
SPRINGFIELD WB CITY	8184	SAGAMON	1	39 48	89 39	598	65	69				1 2 3
STICKNEY W SIDE TREAT WKS	8278	COOK	3	41 19	87 46	636		21				2
STOCKTON	8296	JO DAVIESS	6	42 21	90 00	1000						1 2 3
STREATOR	8357	LA SALLE	1	41 07	88 50	8		17				2
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		23				2
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	68	68				1 2 3
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7	8				1 2 3
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		8				2
† TISKILWA 2 R	8664	BUREAU	1	41 18	89 28	512		65				2
TOLUCA	8696	STARK	1	41 06	89 52	752		7				2
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653		56				1 2 3
URBANA	8740	CHAMPAIGN	7	40 08	88 13	745	46	46				1 2 3 4
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15							2
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13						DEC	2 4
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		8				2
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		25				2
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674		8				1 2
WALNUT	8918	BUREAU	1	41 31	89 15	714	57	57				1 2 3
WARNAR	8926	HANCOCK	4	40 21	91 26	490		51				2
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		8				2
WATERLOO	9002	MONROE	4	38 21	90 09	737		37				2
WATERMAN	9010	DE KALB	1	41 46	88 46	779		10				2

STATION INDEX

Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Years of record: Temp	Years of record: Precip	Years of record: Evap	Opened or closed during yr: Month opened	Opened or closed during yr: Month closed	Refer to tables
WATSEKA	9021	IROQUOIS	1	[illegible]	87 44	[illegible]		58				1 2 3
WAUKEGAN	[illegible]	LAKE	[illegible]	42 21	87 [illegible]	[illegible]	26	26				1 2 3
WAYNE CITY	9040	WAYNE	7	38 21	88 [illegible]							2
WENONA	[illegible]	MARSHALL	1	41 [illegible]	89 [illegible]	7?0		9				2
WEST FRANKFORT [illegible]	[illegible]	FRANKLIN	4	37 52	[illegible] 18	480		8				2
WHEATON COLLEGE	[illegible]	DU PAGE	1	41 [illegible]	88 [illegible]	[illegible]		21				[illegible]
WHITE HALL [illegible]	[illegible]	GREENE	[illegible]	[illegible]	90 23	578	[illegible]	60				1 [illegible] 3
[illegible]	[illegible]	CLAY	7	[illegible]	88 18							[illegible]
WINDSOR	[illegible]	SHELBY	2	39 26	[illegible]	[illegible]	19	[illegible]				1 3

[illegible]

Formerly Monmouth prior to November.

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CLIMATOLOGICAL DATA

ILLINOIS

GOVERNMENT PUBLICATIONS
AUG 26 1950
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JANUARY 1950

Volume LV No. 1

KANSAS CITY: 1950

ILLINOIS - JANUARY 1950

John J. Keyser, Acting Section Director - Springfield

WEATHER SUMMARY

The combination of mild and wet weather which began in December continued through January. Precipitation, mainly in the form of rain, averaged heavier than for any January in 61 years of State-wide records. In the southeast and extreme south precipitation totals of 10 inches or more were registered by a majority of the stations. Fed by the heavy rainfall of December and January, rivers were above flood stage in southern Illinois throughout the month, resulting in widespread damage. Temperatures averaged well above normal, this being the warmest January since 1939. As in the two preceding months, snowfall was much below the seasonal average.

Unseasonably warm and wet conditions marked the first three days of January. Temperatures dipped below normal on the 4th, and most central and southern areas registered their lowest January temperatures on the 4th and 5th. Precipitation continued through the 6th in the south and much of the central portion; most southern and east-central stations recorded several inches of precipitation during this period. Glazing occurred in the north on the 3d-4th, and in the south on the 4th-6th.

Mild temperatures returned on the 8th and held until the 15th, accompanied by another period of frequent precipitation which began on the 9th. Rainfall totaled heaviest in the extreme south during this period, but amounts of an inch or more were common in the north and central on the 13th. High winds caused minor damage in northern Illinois on the 14th.

Temperatures continued to average above normal in the latter part of January, although cold spells occurred somewhat more frequently. For most of the northern division the lowest temperatures came on the 19th; on that date Freeport reported 13° below zero, lowest temperature of the month. On the other hand, January's warmest weather occurred on the 24th-25th, when 70° temperatures were common in the south and central portions. The highest reading of the month was 76°, registered at East St. Louis on the 24th and also at Harrisburg on the 25th. The last periods of general precipitation were the 22d-26th and the 29th-31st. Freezing rain brought hazardous driving conditions to the extreme south at the end of the month. High winds caused minor damage in the central portion on the 25th.

On the morning of the 3d a tornado hit the Hartford-Roxana area in Madison County after crossing the Mississippi River from St. Louis County, Missouri. Three homes were ruined and eleven others damaged at Hartford, and an oil refinery at Roxana suffered some damage; total property loss was estimated at $50,000. Less than an hour later Montgomery County was struck by a tornado which cut a 4-mile swath through Fillmore Township. Three farm homes were destroyed and four others damaged; several barns and other buildings also were destroyed. Three persons were injured, and property damage was estimated at $100,000. On the evening of the 25th a tornado demolished a concrete building and damaged several other structures at Momence in Kankakee County. Property damage was estimated at $75,000.

Winter wheat continued in good condition in the northern half of the State, but in the south many wheat fields, especially those late-sown, were rather poor. Many southern and some central fields were under water during the month. Heavy peach bud kill was reported in the fruit belt of the extreme south early in January.

FLOODS

The heavy rains of December and January resulted in serious flood conditions in southern and east-central Illinois. Flood damage was greatest along the Wabash, Ohio, Saline, and Embarrass Rivers, but many other streams contributed to the total losses. Villa Grove in Douglas County had over 100 homes and part of the business district flooded on the 3d-4th, resulting in a property loss approaching $500,000. Along the Wabash River Mt. Carmel, Palestine, Grayville, Hutsonville, and Maunie suffered flood damage. Towns on the Ohio River which were affected included Old Shawneetown, Rosiclare, Golconda, Metropolis, and Joppa. Localities on other streams reporting flood damage were Lawrenceville, Carmi, New Haven, Harrisburg, Murphysboro, and Vandalia. Three persons lost their lives in the floods, and ten injuries were reported. The Red Cross reported 25 structures destroyed and more than 1,700 damaged in the Wabash and Ohio River Valleys, with nearly 2,000 families affected; about 60 farm animals and over 3,000 poultry were lost. Because flood conditions continued into February, complete reports of damage were not available. The Corps of Engineers, however, estimated flood losses along the Ohio River at $825,000, and in the Saline River basin at $520,000. Rivers in west-central and northern Illinois also reached or surpassed flood stage during the month, but only minor damage resulted in those areas.

G. R. J.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:30 A CST	7:30 A CST	1:30 P CST	7:30 P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
CAIRO	-	-	12.5	35	SW	15	-	-	-	-	4	6	4	2	7	1	24	30	8.3	628
CHICAGO AIRPORT	SSW	13	11.8	30	W	14	77	78	70	75	5	6	7	1	1	0	21	39	7.9	1095
JOLIET AIRPORT	SSW	14	13.0	-	-	-	81	82	73	79	7	4	6	2	1	0	20	-	7.6	1121
MOLINE AIRPORT	WNW	12	11.8	52	SW	13	73	75	65	72	7	6	3	3	0	0	19	36	7.3	1204
PEORIA AIRPORT	S	18	12.7	54	S	25	80	82	72	77	7	3	6	2	1	0	19	38	7.6	1105
SPRINGFIELD AIRPORT	S	17	13.6	44	W	13	82	83	73	78	8	5	4	1	3	0	21	38	7.7	1004

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	33.7	74	-13	5.46	2.8	10	1912	14.7	59	-30	1.15	7.3	6	1934	34.1	69	-10	1.19	0.8	8
1891	31.5	63	0	1.76	5.1	7	1913	31.1	68	-10	4.39	3.3	11	1935	29.6	67	-16	2.41	1.2	7
1892	20.7	62	-25	1.73	13.2	8	1914	34.4	72	- 3	1.96	6.3	7	1936	20.7	66	-27	1.40	10.6	9
1893	15.6	63	-26	1.25	9.1	8	1915	23.9	60	-29	2.57	8.2	9	1937	28.3	67	-12	6.05	4.2	12
1894	30.6	73	-26	2.19	4.5	8	1916	30.6	72	-24	6.82	3.0	13	1938	28.5	62	- 7	2.57	3.5	8
1895	21.0	68	-19	1.90	10.9	7	1917	28.4	73	-21	2.03	3.5	6	1939	34.5	71	- 2	3.10	10.3	11
1896	29.7	61	-15	1.18	1.1	5	1918	12.8	56	-23	2.37	20.8	9	1940	15.0	51	-24	1.47	9.3	8
1897	25.1	70	-28	4.62	6.7	10	1919	32.0	66	-28	0.46	1.3	3	1941	30.9	63	- 8	2.50	6.2	10
1898	31.3	70	- 8	4.35	10.7	9	1920	22.5	69	-18	1.48	8.1	7	1942	28.0	68	-24	1.46	3.1	5
1899	27.0	64	-21	1.94	3.6	7	1921	34.4	68	- 2	1.53	3.0	8	1943	27.9	78	-27	1.20	8.4	8
1900	31.8	71	-12	1.25	0.7	5	1922	26.1	69	-11	1.29	3.4	5	1944	33.3	74	-13	0.57	0.6	4
1901	30.3	69	-21	1.46	3.6	5	1923	34.0	70	5	1.67	3.2	9	1945	23.9	60	-17	1.08	7.8	7
1902	27.4	68	-24	1.03	7.1	5	1924	22.0	62	-25	1.77	5.9	8	1946	30.4	65	-10	2.17	2.7	8
1903	27.0	70	-12	1.42	7.0	7	1925	26.8	62	-11	0.65	4.9	5	1947	33.2	72	-22	2.21	5.2	8
1904	20.7	61	-25	3.02	11.6	9	1926	29.4	64	-13	1.66	5.7	9	1948	22.6	66	-17	1.68	4.5	5
1905	20.8	68	-15	1.67	6.8	7	1927	26.6	63	-34	2.46	8.9	8	1949	30.2	71	-23	6.09	3.1	13
1906	32.9	75	- 6	3.36	4.7	7	1928	29.2	74	-19	1.08	1.0	4	1950	33.9	76	-13	7.10	1.8	13
1907	31.8	77	-11	5.78	5.8	13	1929	22.3	70	-24	3.94	8.8	13							
1908	30.0	62	-12	1.49	5.5	5	1930	20.9	64	-35	4.70	12.1	14	PERIOD	27.8			2.42	5.6	
1909	29.6	78	-20	2.34	7.0	9	1931	33.4	74	-11	0.57	2.7	4							
1910	27.2	67	-31	2.09	5.8	8	1932	36.1	70	- 6	3.09	1.2	12							
1911	30.8	73	-12	1.86	3.5	8	1933	38.9	70	4	2.63	0.8	8							

REFERENCE NOTES

he four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers with- a State.

elayed data and corrections will be carried only in the June and December issues of this bulletin.

onthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

tations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

nless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F°, precipitation and evaporation in inches, and wind movement in miles. vaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

leet and hail were included in snowfall averages in Table 1, beginning with July 1948.

s of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with espect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary onversion.

mounts in Table 3 are from non-recording gages, unless otherwise indicated.

mounts in Table 4 are from recording gages. Traces are not shown.

o Record in Tables 3, 4, 6, 7 and the Station Index is indicated by a dash. No Record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is issing or accumulated for several days, only the first and last days are shown in Table 4.

ata in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Precipitation measured at 6-hourly intervals, no recording gage.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record.
R Station equipped with recording gage only.
S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published in the June issue of this publication.
T Trace, an amount too small to measure.
V Includes total for previous month.
Z Hourly amounts from a recording gage at the same site may be found in Table 4.

bscription Price: 15 cents per copy, Monthly and Annual; $1.50 per year.(Yearly subscription includes the Annual Summary). Checks,postal notes and money orders ould be made payable to the Treasurer of the United States.Remittances and correspondence regarding subscriptions should be sent to the Weather Records Process- g Center, 1300 U. S. Court House, Chicago 4, Illinois.

CLIMATOLOGICAL DATA

Table 2

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	28.6	5.0	67	25	0	5		27	2.98	1.45	1.09	13	1.5	1	30+	7	4	1
ANTIOCH	26.6	5.5	64	25	- 7	19		26	3.03	1.38	1.14	25	5.0	2	18+	6	4	2
AURORA COLLEGE	29.5	6.5	65	25	- 1	19		24	4.06	2.28	1.32	13	4.3	1	31	15	5	1
CHICAGO UNIVERSITY	30.6	6.9	67	25	4	18+		24	3.79	1.89	1.25	13				12	5	1
CHICAGO WB AIRPORT	29.4	7.1	67	25	1	19		24	3.77	1.87	1.37	13	3.0	2	31	15	4	1
CHICAGO WB CITY	31.9	6.8	67	25	6	18+		23	3.74	1.83	1.43	13				15	4	1
CICERO	31.2	6.4	65	25	0	19		23	3.87	2.11	1.44	13	2.2	1	31	13	5	1
DIXON	27.6	5.6	61	24	- 4	19		28	2.79	1.24	.89	25	2.5	2	31	13	4	
FREEPORT	24.0	4.0	58	24	-13	19		28	3.24	1.88	1.20	25	5.0	4	31	13	3	1
FULTON DAM 13	27.3	6.1	62	24	- 2	19		28	2.76	1.28	.55	25	2.8	3	30+	14	3	
GALESBURG	28.7		68	24	1	5		26	3.86	2.02	1.48	13	3.5	4	31	6	4	2
GALVA	28.1	5.9	66	24	1	4+		27	3.37	1.79	1.11	13	2.3	1	4+	11	5	1
HENRY	30.3	5.1	67	25	3	5+		23	3.97	2.16	.90	13	2.2	2	30+	11	7	
JOLIET WB AIRPORT	28.7	6.3	67	25	2	19		25	3.92	2.10	1.21	13	2.0	1	4+	13	5	1
KANKAKEE	31.7	6.5	66	25	4	19		23	4.19	2.32	1.29	13	1.4	1	4+	12	6	1
KANKAKEE 4 W	31.6		67	25	3	19		23	4.37	2.52	1.10	13	3.0	1	4+	14	6	2
KEWANEE	27.4M	4.0	64	24	2	5+		27	3.28	1.65	1.13	13	2.5	3	30	8	5	1
LA SALLE	30.9	5.9	62	25	3	19		23	3.16	1.54	.94	13	1.7			11	5	
MARENGO	26.1	5.2	62	25	-11	19		27	3.14	1.57	1.15	25	3.3	2	31	10	3	1
MINONK	29.7M	4.9	68	25	3	30		24	4.75	3.07	1.33	13		1	4+	10	5	2
MOLINE WB AIRPORT	25.9	5.7	65	24	1	5		27	3.56	2.14	.96	25	1.7	1	30+	12	6	
MONMOUTH AIRPORT	29.0	4.9	68	24	0	5		26										
MORRIS 3 NE	31.1	6.9	68	25	2	19		23	3.52	1.69	1.35	13	1.0	T	4+	9	5	1
MORRISON	26.7	4.4	59	24	- 6	19		28	3.43	1.86	1.06	3	2.2	2	31	9	3	2
MOUNT CARROLL	25.6	4.8	57	24	- 8	19		28	2.69	1.21	.83	25	4.6	3	31	14	3	
OTTAWA	30.8	5.9	67	25	4	19		23	3.34	1.60	1.19	13	0.7	1	29+	11	5	1
PONTIAC	31.2	4.9	68	25	5	19		24	4.41	2.33	1.17	13	0.9	T	4+	14	6	2
ROCKFORD	26.7	5.2	58	24	- 5	19		27					3.0	3	31			
ROCKFORD CAA	23.7	4.9	59	24	-12	18+		29	2.95	1.30	.98	25	2.0	2	31	13	2	
STOCKTON	23.5		54	24+	-10	19		28	2.75	1.40	1.25	25	3.0	2	31	12	2	1
SYCAMORE	26.0	4.5	62	25	- 6	19		28	3.97	2.47	1.19	25	2.5	1	4+	11	4	2
WALNUT	28.2M	4.7	63	24+	1	19		26	2.50	.80	.80	13	0.8	T	4	8	4	
DIVISION	28.4	5.5							3.51	1.73			2.5					
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	33.0	6.8	69	25	7	4+		23	5.31	3.21	1.29	24	1.8	1	4+	11	6	3
CARLINVILLE 4 E	35.3	5.6	73	24	8	5		22	6.04	3.72	1.70	3		2	4+	14	5	2
CHARLESTON	39.2M	9.8	69	24+	10	5		21	9.78	7.27	2.50	4				11	8	5
DANVILLE	35.4	7.7	70	25	11	4+		23	8.88	6.37	2.11	3		3	7	14	8	3
DECATUR	34.7	6.6	71	24+	8	4+		23	7.31	4.99	2.25	3	1.5	2	4	17	8	3
EFFINGHAM CAA	37.2	8.4	72	25	11	4		21	9.99	7.27	3.82	3	T	T	4+	15	7	4
GRIGGSVILLE	31.6	3.1	75	24	1	5		27					T					
HAVANA	32.1	5.4	72	24	5	4+		24	3.66	1.69	1.40	24	0.5			8	5	1
HILLSBORO	37.3	7.1	72	24+	9	5		22	8.74	6.31	2.47	3	1.0	1	4+	11	7	3
HOOPESTON	34.0	7.2	69	25	8	19		23	7.09	4.67	1.49	13	1.6	1	6+	11	5	3
JACKSONVILLE	34.4	6.5	75	24	7	5		23	3.48	1.56	.97	13	0.5	T	4+	9	5	
JERSEYVILLE	36.5	6.8	74	24+	8	4+		21	5.79	3.40	2.00	3				9	4	3
LA HARPE	30.2M	4.9	70	24	2	4+		25	4.05	2.10	1.38	13	2.5	2	30+	10	3	2
LINCOLN	32.8	5.5	70	24+	7	4		24	5.65	3.59	1.25	13	0.5	1	4+	14	7	2
MATTOON	35.6	6.6	70	25	8	5		22	9.91	7.46	3.34	3	0.9	1	6	14	8	5
NEWTON	37.2	6.9	72	25	16	19		21	10.31	7.43	2.11	5	T	T	4+	14	10	3
PALESTINE	40.1	8.6	72	25	14	5		22	12.01	8.79	2.67	26	1.2	1	5+	19	10	4
PANA	35.9	6.6	74	25	8	4+		23	8.75	6.39	2.43	3	3.5	2	4+	13	8	4
PARIS WATER WORKS	37.4	8.9	71	25	12	5		23	9.74	7.12	2.00	4		T	4+	11	8	5
PEORIA WB AIRPORT	29.2	5.1	68	24	3	5		25	4.09	2.31	1.24	13	2.1	1	4+	12	5	1
QUINCY	32.3	3.7	74	24	3	4		23	2.85	1.00	.85	13	0.5	T	3+	9	4	
QUINCY CAA	29.9		73	24	1	5		24	3.11	1.26	.91	23	0.8	T	3+	10	4	
RANTOUL CHANUTE AF	31.9		68	24	8	4		25	6.76	4.54	1.43	13	T	T	3+	12	8	2
ROBERTS 3 N	31.8	6.0	67	25	6	19		23	5.58	3.53	1.58	24	2.0	1	4	10	8	1
RUSHVILLE	32.2	5.2	73	24	3	5		24						1	4			
SPRINGFIELD WB AIRPORT	32.4	7.7	71	24	8	4		24	5.22	3.12	1.24	3	0.7	1	4+	13	5	3
SPRINGFIELD WB CITY	33.7	7.2	72	24	9	5		24	5.66	3.56	1.34	13				15	7	2
TABLE GROVE	30.8	4.8	71	24	2	4+		25	3.80	1.94	1.11	13	2.2	1	4+	13	3	2
TUSCOLA	36.2		69	25	10	4+		23	8.96	6.60	2.29	3	1.1	1	30	16	9	3
URBANA	34.4	7.6	70	25	9	5		23	7.62	5.45	2.10	3	0.5	T	3+	16	10	2
VIRDEN	34.2		71	25	8	4+		22	6.21	3.99	1.85	3		2	4+	8	7	3
WATSEKA	33.4		67	25+	7	19		23	6.96E	5.02	2.24	24	1.4	1	30+	17	8	2
WHITE HALL 1 E	35.0	6.4	74	24+	8	4+		22	3.76	1.68	1.17	3	T	I	4+	12	4	2
WINDSOR	36.6	7.7	70	25+	9	5		23	11.06	8.64	3.10	3	2.5	1	4+	12	8	5
DIVISION	34.2	6.6							6.82	4.53			1.1					
SOUTHERN DIVISION																		
ALTON DAM 26	35.9		72	24+	10	4+		25	7.75	5.31	3.58	4		1	4+	11	7	2
ANNA	41.6	6.6	73	25	15	5		19	16.55	12.63	4.22	4	3.8	2	5+	18	13	7
BELLEVILLE SCOTT AF	39.2	7.7	75	24	12	4+		21	9.12	6.54	3.58	3	1.0	T	4+	14	8	3
CAIRO WB CITY	44.8	9.9	75	25	19	5		15	14.95	11.19	3.00	4	4.2	2	5	20	13	8
CARBONDALE SEWAGE PL	42.1	7.2	74	25+	15	5		19	17.13	13.61	3.72	3		2	5+	16	13	5
CARLYLE	38.8	7.2	73	25	10	5		22	9.14	6.51	2.46	3		1	5	11	5	4
DU QUOIN	41.1	7.4	73	25	14	5		20	11.15	7.99	2.20	4	T			14	10	4
EAST ST LOUIS	39.7	6.5	76	24	11	4+		19	7.92	5.43	3.30	3	0.9	T	4+	12	6	3
ELIZABETHTOWN	43.0		74	25	18	5+		19	15.10	10.31	4.04	4		1	5+	20	12	5
FAIRFIELD	40.5M	7.4	72	25	15	5		19										
FLORA	40.8	9.3	73	25	14	5		21	9.90	6.81	2.51	4				11	7	4
GOLCONDA DAM 51	42.4	8.2	70	25	17	5		18	13.40	8.58	2.74	4	2.5	3	6	21	14	5
GREENVILLE	37.9	7.3	72	24+	10	4+		22	8.85	6.27	2.44	3		1	4+	10	6	3
HARRISBURG	42.8	7.3	76	25	16	5+		20	17.69	13.58	2.88	4+	1.5	2	5	19	14	8
MC LEANSBORO	41.5	8.0	74	25	15	5		20	14.20	10.44	3.75	4		1	30	15	10	6
MT CARMEL	41.3	8.2	72	25	15	5		20	13.47	9.46	3.20	4	0.5	1	5+	19	14	4
MT VERNON	39.0	6.6	74	25	8	5		22	10.35	7.04	2.44	4	1.0	1	4+	11	8	4
NEW BURNSIDE	41.5	6.9	74	25	15	5		19	17.70	13.42	3.24	4	5.8	4	5	20	12	9
OLNEY RADIO STA	40.7	8.7	72	25	16	5		19	12.02	8.61	2.66	4	0.9	T	5+	15	9	6
SPARTA	40.4	6.9	73	25	12	5		19	9.80	6.83	2.35	4	2.8	1	4+	11	9	3
DIVISION	40.8	7.6							12.43	8.93			2.1					
STATE	33.9	6.0							7.10	4.68			1.8					

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

ILLINOIS

JANUARY 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	.27	.23	1.58	2.66	.38	.95				1.44	.63	.50	1.44	.07	1.67								.07	.28		2.11			.03	.45		14.78
ALEDO	.08	.23	.48	T						T		T	1.09										T	.55	.52					T*	.03	2.98
ALTON DAM 26	.03		1.57	3.58		.28				.12		T	.59	.41	.38			T						.04		.69				T	.06	7.75
ANNA	.38	1.15	.36	4.22	.42	.78			T	1.28		1.38	1.77		1.32			T	.18			.02	.20	.02		1.72			.03	.89	.43	16.55
ANNAWAN			.51	T					.98				.77		.06	.40									.36					.06	T	2.22
ANTIOCH	T	.17	.26	T		T				T		T	1.05		T			.16					T	T	1.14	T			T	.25	3.03
AUGUSTA HIGH SCHOOL R	-	-	.40	.04								.28	.54	.05	.25								.95	.20					.05		-
AURORA COLLEGE	.07	.16	.65	.03	.01				.06	.14			1.32		.38			.02					.01	.39	.68				.02	.12	4.06
BARRY		.35	.45	.31					.01	.01		.01	.72		.15							T	.10	.35	.42	T		T	.01	T	2.79
BEARDSTOWN	.08	.02	.38	.67						.06			.61	.25	.24	.13								1.22		.49		T		.01	4.16
BEARDSTOWN LGRNG DAM R//		.20	.54	.11					.09	.01		.08	.71	.06	.18								.80	.24	.70				.04		3.76
BELLEVILLE SCOTT AF Z		.36	3.58	1.10	.35	.21		T	.06	.06	T	.10	1.14	.06	.84		T	T			T	T		.84	.06			T	.36		9.12
BELVIDERE SEWAGE PL R	*	*	*	1.15					.13	.02			.72		.15								.04	.26	1.02				.05		6.56V
BENTLEY		.14	.50	.03						.02		T	.86		.28								T	.83	.01	.07		T	T	T	2.74
BENTON		.67	1.43	2.52		.80				1.06		1.05	1.15	T	1.33								T			2.03				.65		12.69
BLOOMINGTON NORMAL	.04	.14	.74	.54						.32			1.09		.45									1.29		.70			.03	.07		5.31
BLUFFS			.51				.05	.06				.01	1.17		.48	.01						.01	.23	.48	.41				.02		3.44
BRADFORD CAA	T	.08	.64	.03					.05	T		.09	1.07		.40			T				T	.37	.12	.43	T			.07	.02	3.37
BROOKPORT DAM 52	.30	.16	1.80	1.80	1.20	.48	T			1.00	T	.40	1.50	.77	.33	.90		.10	T			.10	T	.10		.20	.71		.17	.40	.70	13.12
CAIRO WB CITY R	.28	1.50	1.24	3.00	.29	.28			.10	1.30	.05	1.29	.90	T	1.10		.05	.03			T	.02	.01		T	1.74		.01	T	.64	1.12	14.95
CANTON	T	.43	.58	.12	T					.06		.08	1.30	T	.30		T						T	1.28	.31				.06	.09	.04	4.65
CARBONDALE SEWAGE PL		.80	3.72	.71	.70	T			1.01		2.78	.37	.94	.39	1.01			T			T	T	.08		3.21	.13			.03	.80	.45	17.13
CARLINVILLE 4 E	.03	.21	1.70	1.38		.09				.13		.03	.93	.02	.39								.09		.78	.21				.05	T	6.04
CARLYLE	T	.30	2.46	2.21	.44					.36		.12	1.11	.02	.53			T				T	T		T	1.55			T	.14		9.14
CARMI	.30	.55	1.25	3.02	.55	.98				1.06		.85	1.47	.09	1.08			T					.19	.27		2.20			.05	.85	.01	14.67
CASEY		.45	3.50	2.16		.75				.53			1.55		1.71									.20		1.20					.11	12.16
CENTRALIA 4 W		.30	1.30	2.30		.70						.40	.90		.30			T								1.60				T		7.70
CHANDLERVILLE		.35	.55	.15						.15			1.10		.15						T		.23	.94	.48				.05	.04		4.19
CHANNAHON DRESDEN ISLD	.38	.04	.11	1.11						.15			.62	.74	.36	.03							T	.63	.03	.40				T	.09	4.69
CHARLESTON	T	.36	1.25	2.50		.92				.55		T	1.44	.17	1.21								T	.20	T	1.16			T	.02		9.78
CHENOA	.02	.39	.68	.43	T				.12	.10		.08	1.12		.44		T						.33	1.39	.43				.05	.10	.01	5.59
CHESTER			.07	.30											.35	.02									.10					.70	-
CHICAGO CAL TREAT WKS R	.01	.14	.57	-					.13	.07		.02	1.19		.32								.37	.26	.28						-
CHICAGO HEIGHTS T			.60	T	T					.39		T	.91		.43			T					.03		2.48				.03	.07		-
CHICAGO LOYOLA UNIV R	.01	.07	-	-					.17	.01			1.61		-			-					.23	.13	.41					-		-
CHICAGO N SRA PUMP STA R	.01	.10	-	-					.16	.01		.03	1.54		-			-					.26	.13	.40				-			
CHICAGO SAN DIST DISP R	.01	.14	.42	-					.11	.01		.01	1.30		.37			-					.27	.12	.41				-			
CHICAGO SAN DIST OFF R		.11	.41	-					.09				1.37		.26			-					.31	.16	.27				-			
CHICAGO UNIVERSITY R	T	.12	.53	.17					.11	.03		T	1.35		.48			T					.30	.17	.57	T			.03	.03	3.79
CHICAGO WB AIRPORT R	.01	.15	.46	.19	T	T			.13	.03		.01	1.37		.31			.02		T		T	.23	.15	.63	T			T	.05	.03	3.77
CHICAGO WB CITY R	.01	.13	.42	.16	T				.15	.03		.01	1.43		.40			.04				T	.23	.18	.46				T	.06	.03	3.74
CHILLICOTHE	.07	.12	.54	.17						.08		T	1.21		T									1.18	.46	.02			T	.15	.10	4.10
CICERO	.08	.06	.57	.17						.12		T	1.44		.39			.03					T	.30	.61	.01				.01	.08	3.87
CISNE BROWN CAMP R	.10	.45	2.97	1.32	*	.62			.05	.70		68	.86		1.07								T	1.03	.90	.73			.05	.12	.10	10.87
CLINTON 1 S	.10	.49	.80	.30						.85		,	1.50	.10	.65										.75				T		T	5.57
COLLINSVILLE R	.02	.30	2.84	1.10	*	.45			.15	.04		.39	1.22	.06	.67										.47				.18	.02	7.81
COULTERVILLE R	.07	.40	3.07	1.23	-	-			.05	.20	.01	.80	.68		.96										1.20	.50			29	.02	-
CRETE R	.04	.20	.45	.27					.18	.09		.05	1.13		.42								.51	.52	.33				*	.15	4.34
DANVILLE	.06	.80	2.11	1.74	T	.51				.65		T	1.31		.57							T	.01	.32	.01	.74			.09	.06		8.88
DANVILLE HOSPITAL R	.05	.52	2.49	.91	*	.54			.50	.15		*	1.18		.63								.19	.15	.61				.07	.05		8.04
DANVILLE SEWAGE PLANT	.05	.01	.70	3.70	-	-	-			.51			.76	.68	.57	.10						T	T	.39	T	1.11			T	.05	T	-
DECATUR	.10	.38	2.25	1.22		.14			.01	.45		.01	1.02	.05	.33							T	.59	.14	.39	.12			.06	.05		7.31
DES PLAINES 1 NW	.07	.06	.44	.07	W	T				.11			1.32	.03	.37		.03							.11	.02	.73				T	.12	3.38
DIONA R	.02	.39	3.17	1.00		.14			.42	.32		.12	1.64		1.50							.03	.03	.28	1.21	.02			.03	.05		10.37
DIXON	.06	.25	.47	.03						.14		T	.61	.01	.10			.02					T	.09	.89					.06	.06	2.79
DOUGLAS R		.13	.64	.06					M	.05		.08	1.24		-								.35	.65	.30				-	.06		-
DOWNS 2 NE R	.07	.23	.90	.50					.29	.03		.08	1.20		.41								1.05	.41	1.05				.05	.06		6.33
DU QUOIN	.06	.55	2.10	2.20					.45	.61		1.12	.91	.33	.67								T			1.40			.08	.67	.10	11.15
DWIGHT	.02	.16	*	.76					.20	.03		.10	1.13		.50								.42	.67	.63					.06		4.68
EAST ST LOUIS			3.30	1.05	.22	.12			.15		.02	.33	1.35	.14	.62								T		.49	T				.13	T	7.92
EDWARDSVILLE	T	.09	2.83	.21	.03	.02			.03		.03	.71	2.36	T	.73	.03					T	T	.06	T	.06	.17		T	.07	.09		7.52
EFFINGHAM CAA Z	.01	.27	3.82	1.08	.18	.39			.13	.22		.18	1.12		1.36		T	T				T	.08	T	.96	.08			T	.11		9.99
ELGIN	T	.15	.84	.02	T	T				.14		T	1.29		.37			.03					T	.03	.76	T				T	.13	3.76
ELIZABETHTOWN	.39	.98	.85	4.04	.50	.66			T	.99		1.59	1.15	.05	1.18	.09	T	T	.02			.03	.06	.08	T	1.18		T	.09	.23	.92	15.10
ELSAH		.38	1.63	1.66		.02					.15	.02	1.04		.38							.01	.07			.33				.15	.02	5.86
EVANSTON PUMP STA R	.01	.14	.23	-					.16	.04		.01	1.44		.30			-					.21	.12	12				-	-		-
FAIRBURY WATER WKS R//	.06	.37	*	1.00					.21	.04		.11	1.10		.63								.68	1.28	.84				.02	.13		6.47
FAIRFIELD	.05	.40	1.67	2.40	-	-				.92		.47	1.03	.05	1.24								.07	.06		1.84				.12	.07	-
FARMER CITY R	.07	.37	*	*	*	1.64			.33	.03		.07	1.12		.61								1.45	.15	.94				*	.04		6.92
FLORA	.12	.24	1.56	2.51		.61				.48		.20	.78		1.15									T	T	2.05			F		.20	9.90
FREEPORT	.05	.19	.55							.05		.02	.70	.01	.03			.14						.10	1.20	T				.01	.15	.24
FREEPORT SEWAGE PLANT R	.35		.26	.15						.05			.35	.33	.12			T	.03					.11	.60	.27					.05	2.66
FULTON DAM 13 Z	.35	.01	.20	.21						.09			.49	.22	.11			T	.01				.01	.23	.55	20				.08		2.76
GALATIA R		.92	2.09	2.08	M	.96			.05	1.10	.04	2.36	1.36		.85								.20	.08	.56	1.51			.05	.64	.10	14.95
GALENA	*	.48	.10	T					T			T		.67	.04				.15					.35	.60					*	.30	2.69
GALESBURG	.16	T	1.03										1.48											.88						.29	.02	3.86
GALVA	.12	.07	.68	.05						.05			1.11		.34									.59	.26					.08	.02	3.37
GENESEO	.01	.11	.44	T					.07			T	.60					T					T	.37	.76					.07		2.43
GIBSON CITY	.05	.03	.05	2.84		.01				.36		.03	.83		.58		T	T				T	.03	1.10	84			F	.06	T	6.61
GLADSTONE DAM 18	.31	.02	.44	.29						.02			.98	.15									T	.61	.23	.14				.15		3.34
GLENDALE EXP FARM R	.26	1.62	2.38	1.95	1.80				.12	1.58	.05	1.82	.86		1.16								.06	.30		1.64			.05	.98	.66	17.29
GOLCONDA DAM 51 R	.25	.12	1.86	2.74	1.37	.52	.03			1.10	.03	.48	1.17	.54	.35	.71		T	T			.03	T	.17		.75	.23		.03	.30	.57	13.40
GOLDEN		.14	.51	.10					.01				.72		.12								T	1.26	.22				T	T		3.08
GRAFTON	.10		.71	2.78	T	.06				.13		T	.93	.55	.27									.15		.40			T		.11	6.19
GRAND TOWER 2 N	T	.60	.20	5.02	.05	.68				.74		1.45	1.73		1.30	T	T	T	.07				.06		T	1.98				.68	.49	15.05
GREENFIELD R	.04	.35	1.87	.35					.17			.14	1.65	.03	.15								.21	.05	.25				.04	.03		5.33
GREENUP	*	*	3.90	2.45		.70				.45			1.42		1.74									.23	T	1.17				*	*		*
GREENVILLE	.02	.23	2.44	2.30		.49				.18		T	1.45		.84											.79				.11			8.85
GRIDLEY	.02	.38	.54	.36						.21			1.35		.37									1.72	.27	.07				.04	.06	5.43
GRIGGSVILLE	.07	.18							.25				-				.18					.30	.35							T	-
HARDIN	.42	.23	1.75	.55					.16				1.89		.21								.23	.27						.05		5.76
HARRISBURG	.40	1.13	1.10	2.88	.48	1.24				.94		2.88	1.95	.07	1.03		T	.02				T	.05	.30	.04	2.00		T	.11	.70	.36	17.69
HARRISBURG DISPOSAL PL	.34	.01	1.24	3.35	.96	1.25	.05			.03		2.47	1.12	.79	.55	.47			.39				1	.27		1.86	.18		.09	T	.81	16.23
HAVANA	T	.30	.70	.17					T			T	T		.52								.02	1.40	.50					.05	T	3.66
HAVANA NO 2	.08		.30	.45						.11			.70		.39	.08								1.40		40				.05	.07	4.03
HENRY	.07	.42	.40	.06					T	.03		.65	.90		.31								T	.62	.29					.19	T	3.97
HILLSBORO	.01	.47	2.47	2.18		.30				.23		.02	1.46		.56								T	T		.95			T	.09		8.74
HOOPESTON Z	.06	.33	.66	1.22		.30				.39			1.48	.11	.39								T	1.21	T	.93				T	T	7.09
HUDSON LK BLOOMINGTON R		.50	.69	.30					.25			.10	1.50		.62								1.51	.71	.52				.02	.08		6.80
HUTSONVILLE R//	.15	.68	2.93	1.38	*	.81			.05	.62		.16	.79		1.27								.18	.16	1.12	.96		.02	.03	.07	.02	11.42
HUTSONVILLE POWER PL	.09	.07	1.13	3.63	.51	.70	.07			.47		.02	.46	.40	.67	.41						T	T	.36	.03	1.96			.03		.13	11.14
ILLINOIS CITY DAM 16 Z	.44		.18	.19						.08			.54	.13	.05								.01	.32	.24	.18					.10	2.46
JACKSONVILLE		.28	.90	.30						.03		T	.97		.17								.23	.24	.36				T	T		3.48
JACKSONVILLE SEWAGE PL R		.27	.95	.15					.05			.17	.90	.04	.11								.40	.05	.38							3.47
JERSEYVILLE		.20	2.00	1.30					.10				1.23		.12								.23			.60				T	.01	5.79
JOLIET BRANDON RD DAM		.04	.11	[illegible]						.14			.48	.85	.31	.03							.01	.43	.04	.56					T	3.89
JOLIET WB AIRPORT	.03	.13	.71	.10	T	T			.08	T		.03	1.21		.45			T				T	.31	.17	.56	T			T	.10	.04	3.92
KANKAKEE	.01	.24	.26	.44						.18			1.29		.30								T	.95	.39	.05				T	.04	.04	4.19
KANKAKEE 4 W	.04	.20	.37	.44		T				.15		T	1.10		.39			T				T	.02	1.02	.02	.45			.03	.05	.09	4.37
KANKAKEE SEWAGE PL R		.17	*	.76					.15	.05		.02	1.30		.44							.47	.45		.62					.02		4.45
KEITHSBURG	.45	T	.35	T						T			1.14	.10	T								T	.35	.80	.32					.22	3.73
KEWANEE	.12	.07	.56									T	1.13		.30									.55	.35					.20		3.28
KEWANEE BAKER PARK R	.10	.18	.68						.05			.18	.80		.41								.25	.19	.38					.15		3.35
KICKAPOO	.16	.20	.78							.10			1.18		.28									.94		.58				.16		4.36
LA HARPE	.03	.13	1.04	.03						.02		T	1.38		.21		T						T	.96	.06	T				.19	T	4.05

See reference notes following Station Index.

DAILY PRECIPITATION

ILLINOIS
JANUARY 1950

Table 3—Continued

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LANARK R		.28	.25						.07	.02		.03	.61	.11									.04	.15	.75				.13	.01	2.45
LA SALLE	.11	.09	.66	.06		T				.02			.94		.44			T					T	.43	T	.28			T	.07	.06	3.16
LAWRENCEVILLE	.09	.45	3.85	.50		.07				1.85		1.10	1.45	.15	1.45							.12	.83		2.25				.02	.04	.04	14.26
LEROY	.05	.24	.69	.88			.07	.05		.23			1.17		.48							.01	1.49		.59					.01		5.96 E
LINCOLN	.05	.31	.71	.52		T				.15		.01	1.25		.22							T	.50	1.17	.70	.04			T	.01	.01	5.65
LINCOLN NO 2	.10	T	.40	.92					.15			T	.70	.52	.20							T	T	1.53	T	.64			T		.02	5.18
LOCKPORT LOCK AND DAM R	.02	.20	.62	.15					.07	.03		-	-	-	-								-	-	-					.05	.03	-
LOCKPORT POWER HOUSE R	.03	.19	.54	-					.09	.01		.02	1.18		.46			-					.33	.19	.48					-	-	-
LOUISVILLE R	.05	.35	2.85	1.18	•	.62			.05	.25		.26	.67		1.07								.12		1.51	.57				.18	.02	9.75
MACKINAW	.03		1.03	.20						.14		.02	1.35		.43									2.16	.47				T	.02		5.85
MACOMB	T	.10	.61	.08					T	.01			.94		.23								.06	1.01	.05				T	.04	.02	3.15
MARENGO	.01	.15	.33							.12			.81		.17			.10			T	T		.10	1.15						.20	3.14
MARIETTA R	.03	.10	.50	.10					•	.03		.20	.89		.28								.70	.30	.07					.08		3.28
MARION	.17	1.11	.05	3.84	.34	.99				1.12		2.76	1.81		1.18	T							T	.14		1.41			.12	.36	.06	15.46
MARSEILLES LOCK	.36	T	.15	.77	T					.07			.82	.52	.40	T								.36		.32					.04	3.81
MASCOUTAH		.26	1.76	2.52	.02	-				.28		.26	-		.57		T					T	T	T		T			T	.58	T	-
MASON CITY III		.30	.70	.18					.11			.16	1.01		.48								.75	.15	.20					.05	.03	4.12
MATTOON		.29	3.34	1.20	.02	.30			.38	.12		.13	1.49		1.40							T	.08		1.12	.01				.03		9.91
MC HENRY R	.02	.30	.13	.02					.13	.02			.92		.17								.05	.10	1.08					.10	.02	3.06
MC HENRY 2 S	.05	.10	.47	.05	T	T				.15			.97		.16			.03					T	.16	1.55	.02					.11	3.82
MC LEANSBORO	.02	.70	.13	3.75	.30	.85	T			1.35		1.12	1.27	T	1.55								.19	.13		2.29			T	.35	.20	14.20
MEDORA		.32	1.83	1.30		T				.13		.05	1.20		.23								.20		.50	.05			T	.06	T	5.87
MINONK	.22	.20	.41	.19					.11				1.33		.41	T								1.05	.74					.09		4.75
MOLINE WB AIRPORT Z	.01	.52	.33	.02					.08	T		.06	.79	T	.03		T	T				T	.34	.34	.96	T				.08	T	3.56
MONMOUTH AIRPORT	.04	T	.84	T				T		T		T	1.24				T					T	T	.75	.40					-	-	-
MONTICELLO		.36	1.26	1.49		.12			.11				1.62	.12	.49									.52		.55						6.64
MORRIS	.15	T	.10	.74						.09			.74	.76	.31								T	.47		.34					.10	3.80
MORRIS 3 NE	.06	.09	.71	.18						.07			1.35		.27								T	.53	T	.26				T	T	3.52
MORRISON		.12	1.06	T						.13		T	.67		.10			.01	T				T	.22	1.00					T	.12	3.43
MORRISONVILLE H	.03	.20	2.00	.87	.05	.12			.22			.18	.92	.04	.38								-		1.42					.04		-
MORRISONVILLE 1 E	.02	.21	1.45	1.53		.16	-	-		.18		T	1.03		.35									1.22	.11				T	.05		-
MT CARMEL	.10	.08	.32	3.20	.97	.93	.10			1.19		.41	.81	.71	.60	1.15		T				.05	.05	.32	1.80	.25					.43	13.47
MT CARMEL WATER WKS R	.16	.30	2.20	-	-	-			.05	1.15		.65	1.12		1.68								.40	.12	.40	1.55			.07	.25	.25	-
MOUNT CARROLL	.03	.12	.41	T						.01		.01	.64	.01	.10			.06					.01	.20	.83					.09	.17	2.69
MOUNT OLIVE	T	.45	2.62	1.95		.25				.22		.03	1.54		.53								.03		.60	.47				.13		8.82
MOUNT PULASKI	.06	.42	.92	.96			T						1.25	.19	.46							T	T	1.03	T	.63		.06	T	T		5.98
MOUNT STERLING	.01	.25	.90	.08						.10			.77		.26								.10	1.01	.20				T	T		3.69
MT VERNON		.71	1.94	2.44	T	.16				.24		.68	.65		1.06								.06		2.03					.38		10.35
MURPHYSBORO WTR WKS R	.04	.70	2.13	1.67	.26	.25			.05	.90	-	-	-		-								-	-	1.23	1.01				.45	.20	-
NASHVILLE			1.98	2.35		.69			.20			.37	.84		.52										.03	1.42				.32		8.71
NEWARK 7 E	.15	.30	.60	.04						.15			1.30		.45									.37	.25							3.61
NEW BOSTON DAM 17	.62	.02	.41	.09						.04			.95	.09	.03									.51	.53	.18					.12	3.59
NEW BOSTON 2 NW	T	T	.55	T								.60	.11		.03									.27	.72					.11		2.39
NEW BURNSIDE	.19	1.49	2.22	3.24	.46	1.15			.01	1.03		1.56	1.69		1.38		T	.09	T			.01	.04	.07	.03	1.94		T	.02	.80	.28	17.70
NEWTON	.92	.59	.55	1.82	2.11					.37			.88	.10	.72	.35								.12		1.61					.11	.06	10.31
OLNEY RADIO STA	.09	.56	1.55	2.66	.42	.25				1.20		.23	1.26		1.09		T					T	.03			2.40			.03	.18	.07	12.02
OREGON R	-	-	-						.15				.81		.18								.10	.30	.85					.05		-
OREGON WATER WKS	.02	.49	.23						.12			.50	.25	.14			T	T					.10	.92	.17					.09		3.03
OTTAWA	.04	.15	.64	.15						.06			1.19	.02	.36			T						.35	.33	T			.05		T	3.34
PALESTINE	.10	.73	2.06	1.85	.15	.62			.05	.84		.12	.88	.02	1.07							.02	.35	.10	T	2.67		.03	.10	.25	T	12.01
PANA	.01	.13	2.43	1.74		.41			T	.33		.02	1.25		.75							T	.06	T	1.21	.30			T	.11	T	8.75
PARIS WATER WORKS	.02	.50	1.75	2.00		.25				.60			1.60		1.25									.05		1.70					.02	9.74
PAW PAW	.31	.15	.43	T						.11			1.10		.50		T							.20	.40						.10	3.30
PAYSON		T	.42						T	.02		.72	T		.37							T	.66		.22					.01	T	2.42
PEORIA LOCK AND DAM R		.20	.55	.14					.12	.02		.14	1.51		.43								.70	.45	.42					.04	.10	.02	4.84
PEORIA WB AIRPORT R	T	.16	.59	.09	T			T	.08	T	T	.15	1.24		.23		T					T	.49	.60	.29				.04	.13	T	4.09
PEOTONE	T	T	.50	T	.26				T	.28		T	1.08		.38							T	T	.91	.19	.71					.04	4.35
PERU	.44		.14	.83	T					.05			.78	.35	.43									.44		.30					.12	3.88
PETERSBURG		.19	.47	.35						T			1.16		.14								.24	.72	.20				T			3.47
PITTSFIELD WATER WORKS R		.30	.50	.12					.04			.09	1.07	.01	.34								.35	.03	.52							3.37
PLEASANT HILL 2 E		.34	.88	.25								T	.66		.02								.35	.05	.22				T	T	T	2.77
PONTIAC	.03	.22	.43	.37	T					.13			1.17	.01	.42									1.08	.43	.04				.01	.05	.02	4.41
PRAIRIE DU ROCHER H		.79	5.90	1.89	.28	.55			.18	.22	.19	1.11	.73		.58										1.35	.50				.02	.59	.03	14.91
PRINCETON 1 S R	.07	.11	•	.74					.06			.09	1.11		.40									.27	.14	.29					.12		3.40
PRINCEVILLE 2 NW	.02	.11	.68	.05				T	T	.05		.01	1.45		.29		T	T						.01	.87	.27					.09	.01	3.91
PROPHETSTOWN H		.51	.25	.03					.06	.03		.04	.48		.10									.20	.38	.62					.04		2.74
QUINCY		.14	.59						.05	.01			2.85	T	.13									.41	.63	.04			T	T			2.85
QUINCY CAA	T	.17	.75	.07					.03			.14	.55	.11	.04						T	T	T	.91	T	.34	T			T	T	T	3.11
QUINCY DAM 21 Z	.28	.19	.16	.38									.66	.06	.11							T	T	.88		.02					.02		2.76
QUINCY MEMORIAL BRIDGE	.26	.05	.17	.47						T			.59	T	.25							T		.92		.02					.02		2.75
RANTOUL CHANUTE AF Z	.06	.44	1.30	.91	T	T			.38	.07		.06	1.43		.60							T	.70	.09	.72	T			T	T	T	6.76
RED BUD	.05	.36	4.15	.01	.53	T			.23		.50	.48	.36	.61	.03			T								1.09				.26		8.66
RICHVIEW R	.05	.25	2.67	1.23	•	.50			.05	.15		.60	.71		.85										.94	.50				.30	.04	8.84
ROBERTS 3 N	.03	.28	.40	.81						.30		T	.98		.53								T	1.58	.56				T	.10		5.58
ROCHELLE	•	1.13	T	T								T	1.02					T						.22	1.00					T	.15	6.76 V
ROCKFORD		.10	.26	T						.12			-		.13										1.20						.12	-
ROCKFORD CAA	.05	.24	.21	.02		T			.07			.02	.79	T	.16		T	T				T	.06	.22	.98					.12	.01	2.95
ROCK ISLAND DAM 15	.54	T	.56	.23	T					.08	T		.52	.18	.07			T	T				T	.24	.58	.11					.09	3.20
ROCKPORT		.25	.10	-								.60	1.01		.16								T	.35	.36				T	T		-
RUSHVILLE		.17	.85	-						.03			.93		.33									1.23	.16				T	.05		-
STE MARIE	.06	.02	1.07	3.50	.45	.40	.20		.48	.65		.09	.46	.58	.67	.47								.32		2.19			.06	.04	.18	11.89
SALEM	.04	.25	1.64	2.43		.59						.32	.95	.12	.76											1.49				.17		8.76
SHAWNEETOWN NEW TOWN	.40	.01	1.04	2.99	1.46	.53	T			1.10	.01	1.31	2.16	.80	.48	.57		T	.14			T	T	.08		1.52	.27		.01	.08	.86	15.82
SIDELL	.06		.44	3.23	.02	.62	.09			.51			.86	.86	.83	.12								.25		1.23			.01		.09	9.22
SKOKIE M S TREAT WKS III	.01	.17	.21	.13					.16	.02			1.48		.33			.02					.17	.12	.49					.02	.01	3.34
SPARTA	.03	.47	1.82	2.35		.48				.16		.85	.88		.72			T				T	T	T	T	1.76			T	.28	T	9.80
SPRINGFIELD WB AIRPORT Z	.04	.21	1.24	.35		T		T	.11	T	T	.07	1.05	T	.17							T	1.16	.01	.77	T			.03	T	.01	5.22
SPRINGFIELD WB CITY Z	.05	.38	1.13	.46		T		T	.12	T	T	.10	1.34	.03	.37							T	.73	.06	.83	T			.04	.01	.01	5.66
STICKNEY W SIDE TREAT R		.14	.40	-					.11	.01		.01	1.43		.46			-					.20	.20	.35					-	-	-
STOCKTON	.01	.12	.19									.02	.76	.02	.07			.05					.03	.10	1.25					T	.13	2.75
STREATOR	.18	.09	.53	.10						.36		T	1.20		.12								T	.73	.62					T	.10	4.03
SULLIVAN WATER WKS R	.02	.49	•	3.96	.02	.09			.32	.14		.15	1.03		.85								.05		1.90					.07		9.09
SYCAMORE	T	.23	.60	.08						.11			1.10		.31			.04						.16	1.19					.04	.11	3.97
TABLE GROVE	.01	.22	.58	.13					T	.03		.01	1.11		.22								.10	1.09	.21				.01	.08	T	3.80
TAYLORVILLE		.32	1.74	1.44	T	.16			T	.32			.96		.76								.02	.04		.78					.06	T	6.60
TISKILWA	T	T	.75										1.35		.40									.44	.54					-		-
TOULON	.11	.08	.75	.08						.07		T	1.33					T				T	.35	.90	.51					.13	.03	4.34
TUSCOLA	.03	.35	2.29	2.05		.45			.40			.60	.63	.13	.65								.02	.06	.01	1.10		.12		.07		8.96
URBANA	.08	.15	2.10	.91		.25				.48			1.14	.18	.50							T	.25	.51	.45	.51			.08	.01	.02	7.62
URBANA EXP FARM R		.47	•	2.89	•	.27			.32	.11		.04	.94	.19	.33							T	.54	.06	.83	.01			.06	T		7.06
UTICA STARVED ROCK DAM	.38	T	.12	.58						.05			.77	.25	.37	T							T	.41	T	.28					.06	3.27 E
VANDALIA Z	T	.24		4.36		.37				.25		T	1.29		.97											1.45				.13		9.06
VIRDEN		.36	1.85	1.41	T	T				.28		T	1.45		.25								.47	T	.14	T			T	T	T	6.21
WALNUT	T	.15	.35	T					.07			T	.80		.34			T					.18		.54					T	.07	2.50
WARSAW		.13	.57										1.13		.41									.67	.19				.04	.07	.06	3.27 E
WASHINGTON R		.15	.58	.11					.10	.04		.15	1.31		.50								.80	.65	.32					.10		4.81
WATERLOO		.25	2.08	2.46	T	.40				.18		.22	.93		.72											1.30			T	.20	.04	8.78
WATERMAN R	.05	.43	.20	.07					.10			.02	1.16		.41								.13	.05	.59					.03	.05	3.29
WATSEKA	.07	.27	.43	.95		.05	.02	.02		.41			1.06	T	.57							T	.02	2.24	.06	.62			.07	.05	.05	6.96 E
WAUKEGAN	T	.08	.44	.05						.16			1.11		.29			.09					T	.17	1.42					T	.12	3.93
WAYNE CITY	.11	.02	.76	3.50	.23	.68	.03			.73	.01	.48	.47	.67	.53	.51							.02	.01	.10	1.96	.12		.02		.32	11.30
WENONA H	.02	.13	.49	.11					.10			.10	1.30		.30								.40	.40	.60					.10		4.05
WEST FRANKFORT 8 E H	.11	1.04	1.66	3.00		1.21				.82		1.22	1.68		1.71									.17		1.80				1.01		15.41
WHEATON COLLEGE	-	-	-	-					-	-		-	1.83		.48		T						T	.02	T			.41		.10		-
WHITE HALL 1 E	.04	.27	1.17	.36						.08		T	1.14		.09				T				.17	.12	.24	.07			.03	T		3.76
WILCOX	T	.10	.50	3.85	.55	.23				.70			.25	.42	.90	.50	.55							.12		1.80					.26	10.70
WINDSOR	.02	.37	3.10	2.56		.57			T	.52		T	1.35	.18	1.20									.04	T	1.05				.10		11.06

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																										
AUGUSTA HIGH SCHOOL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CAIRO WB CITY					.06	.03	.01	.09	.05	.02			.01										.01			.28
CHICAGO CAL TREAT WKS				.01																						.01
CHICAGO LOYOLA UNIV														.01												.01
CHICAGO N BRA PUMP STA														.01												.01
CHICAGO SAN DIST DISPAT												.01														.01
CHICAGO WB AIRPORT																								.01		.01
CHICAGO WB CITY																								.01		.01
CISNE BROWN CAMP						.06	.04																			.10
COLLINSVILLE		.01	.01																							.02
COULTERVILLE		.02	.02		.03																					.07
CRETE		.01	.01	.02																						.04
DANVILLE HOSPITAL		.02	.01		.01	.01																				.05
DIONA				.01	.01																					.02
DOWNS 2 NE				.04	.03																					.07
DWIGHT				.01		.01																				.02
EVANSTON PUMP STA						.01																				.01
FAIRBURY WATER WORKS	//	.01	.03	.02																						.06
FARMER CITY		.02	.01	.02	.01	.01																				.07
FREEPORT SEWAGE PLANT					.01			.01																		.02
GLENDALE EXP FARM		.01		.02	.01	.13	.04	.01	.01	.01	.02															.26
GOLCONDA DAM 51						.12	.12			.01	.05												.02	.01		.33
GREENFIELD		.02	.01	.01																						.04
HOOPESTON					.02		.01	.01	.01																	.05
HUTSONVILLE	//	.01	.01	.01		.01			.01	.04	.02	.01										.01	.01	.01		.15
JOLIET WB AIRPORT	6							*	*	*	*	*	.01							*	*	*	*	*	.02	
KEWANEE BAKER PARK								.05						.03	.01	.01										.10
LOCKPORT LOCK AND DAM											.02															.02
LOCKPORT POWER HOUSE											.01								.01				.01			.03
LOUISVILLE							.04	.01																		.05
MARIETTA		.01	.01	.01																						.03
MC HENRY																		.01	.01							.02
MOLINE WB AIRPORT	//									.01																.01
MORRISONVILLE			.01	.01	.01																					.03
MT CARMEL WATER WORKS							.06	.05	.04	.01																.16
MURPHYSBORO WATER WORKS	//	.01		.01		.02																				.04
PRINCETON 1 S	//		.01	.01	.03																		.01		.01	.07
RANTOUL CHANUTE AF BASE	//		.02	.02																						.04
RICHVIEW					.02	.02		.01																		.05
ROCKFORD CAA	6													*	*	*	*	*	.02	*	*	*	*	*	.03	
SKOKIE N S TREAT WKS						.01																				.01
SPRINGFIELD WB AIRPORT	//	.02	.02																							.04
SPRINGFIELD WB CITY		.03	.04																							.07
SULLIVAN WATER WORKS	//			.02																						.02
VANDALIA		.02	.01																							.03
WATERMAN	//									.03	.01			.01												.05
WENONA			.01	.01																						.02
—2d—																										
AUGUSTA HIGH SCHOOL		-	-	-	-	-	-	-			.10	.05														-
BEARDSTOWN LAGRANGE DAM	//								.07	.06	.02	.02	.01		.02											.20
BELLEVILLE SCOTT AF BSE	//							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRADFORD CAA	6							*	*	*	*	*	.06	*	*	*	*	*	.02							
CAIRO WB CITY								.26	.22	.38	.25	.12	.06	.01	.02		.01	.03	.01	.05	.04				.04	1.50
CHICAGO CAL TREAT WKS															.03	.01	.01					.05	.04			.14
CHICAGO LOYOLA UNIV															.01			.01			.01	.03		.01		.07
CHICAGO N BRA PUMP STA															.01		.01	.01	.01		.01	.04	.01			.10
CHICAGO SAN DIST DISPAT															.01		.04	.01		.01		.07				.14
CHICAGO SAN DIST OFF															.01		.02		.01	.01		.06				.11
CHICAGO UNIVERSITY															.01		.02			.04	.02	.02	.01			.12
CHICAGO WB AIRPORT															.01		.06		.01		.02	.04	.01			.15
CHICAGO WB CITY															.01		.01		.01	.02	.01	.04	.02	.01		.13
CISNE BROWN CAMP									.02	.03	.22	.08	.05	.02		.01	.01	.01								.45
COLLINSVILLE									.09	.10	.01	.04	.04			.02										.30
COULTERVILLE									.03	.27	.10															.40
CRETE													.02	.03	.02	.03	.02			.01		.02	.03		.02	.20
DANVILLE HOSPITAL													.12	.05	.03	.02	.04	.11	.13	.02						.52
DIONA												.13	.07		.04	.01		.05	.08	.01						.39
DOUGLAS											.05	.05		.03												.13
DOWNS 2 NE			.03	.02	.03				.01	.01			.04	.06	.03											.23
DWIGHT													.01	.04	.04	.02	.01	.01				.02	.01			.16
EFFINGHAM CAA	//									.05	.05	.05	.05	.05		.02				.01						.28
EVANSTON PUMP STA															.01			.01	.01		.01	.09	.01			.14
FAIRBURY WATER WORKS	//										.01	.01	.10	.13	.10	.01								.01		.37
FARMER CITY												.09	.09	.07	.07	.01	.01	.01	.02							.37
FREEPORT SEWAGE PLANT													.02		.01	.07	.01	.01			.08	.01	.01	.01		.23
FULTON DAM 13												.01	.01	.01	.07	.03			.01			.01	.03			.18
GALATIA										.10	.40	.30	.07											.03	.02	.92
GLENDALE EXP FARM									.06	.49	.31	.23	.08	.01	.04	.08	.02	.02	.06	.04	.06	.10	.01		.01	1.62
GOLCONDA DAM 51				.01	.01				.09	.16	.25	.25	.08	.02	.03	.02	.04	.09	.02	.07	.03	.05	.03	.01	.01	1.27
GREENFIELD									.07	.08	.12	.03	.02			.02	.01									.35
HOOPESTON													.10	.10		.10				.02	.01					.33
HUTSONVILLE	//										.01		.18	.15	.02	.06		.02	.01	.02	.22					.69
ILLINOIS CITY DAM 16											.01	.05	.01		.01			.02	.01			.06	.01			.18
JACKSONVILLE SEWAGE PL									.07	.08	.05	.07		.03												.27
JOLIET WB AIRPORT	6							*	*	*	*	*	.01	*	*	*	*	*	.08	*	*	*	*	*	.04	
KANKAKEE SEWAGE PLANT															.02	.07	.01		.01				.01	.04	.01	.17
KEWANEE BAKER PARK											.04	.01	.03	.02	.03	.01	.01		.03							.18
LANARK												.02	.01		.05	.02	.03				.01	.12	.02			.28
LOCKPORT LOCK AND DAM										.02					.02	.03	.03	.01			.05	.02	.02			.20
LOCKPORT POWER HOUSE														.01	.03	.03	.02	.01			.06	.03				.19
LOUISVILLE											.13	.12	.03	.01				.05	.01							.35
MARIETTA										.05	.02	.01	.02													.10
MASON CITY										.09	.01	.09	.04	.02		.04	.01									.30
MC HENRY														.02		.03	.05	.02	.01	.01	.01	.01		.11	.03	.30
MOLINE WB AIRPORT	//										.02	.01	.05	.02					.03				.21	.18		.52
MORRISONVILLE										.01	.07	.07	.02		.01	.01	.01									.20
MT CARMEL WATER WORKS							.03				.02	.08	.12	.05												.30
MURPHYSBORO WATER WORKS	//							.01	.12	.23	.12	.08		.01	.01	.10									.02	.70
PEORIA LOCK AND DAM	//									.02	.03	.02	.03	.08	.02											.20
PEORIA WB AIRPORT										.01	.03	.03	.04	.03	.02											.16
PITTSFIELD WATER WORKS								.05	.09	.11	.05															.30
PRAIRIE DU ROCHER W WKS									.45	.32	.01	.01														.79
PRINCETON 1 S	//	.01	.01		.01								.02	.01	.02			.02	.01							.11
PROPHETSTOWN												.03	.02	.05	.03								.13	.17	.08	.51
QUINCY CAA	6							*	*	*	*	*	.17													
QUINCY DAM 21							.03	.04	.08	.05																.20
RANTOUL CHANUTE AF BASE	//											.09	.16	.05	.20	.07	.02	.01								.60
RICHVIEW										.05	.18	.02														.25
ROCKFORD CAA	6							*	*	*	*	*	.02	*	*	*	*	*	.07	*	*	*	*	*	.15	
SKOKIE N S TREAT WKS														.01			.01		.01		.11	.02			.01	.17
SPRINGFIELD WB AIRPORT	//									.02	.08	.05	.04		.02											.21

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SPRINGFIELD WB CITY										.03	.09	.04	.05	.02	.10	.02	.01									.36
STICKNEY W SIDE TREAT														.01	.01		.04	.01	.01		.03	.02	.01			.14
SULLIVAN WATER WORKS	//											.09	.05	.01			.02	.30	.01	.01						.49
URBANA EXP FARM												.07	.15	.04	.01	.03	.06	.07	.03				.01			.47
VANDALIA											.11		.15					.02								.28
WASHINGTON											.03	.02	.04	.06												.15
WATERMAN	//										.01	.01	.01	.01	.03	.03	.05		.02	.01	.06	.01	.01	.03	.14	.43
WENONA														.03	.06			.01	.01		.02					.13
														−3d−												
AUGUSTA HIGH SCHOOL								.09	.11	.10	.08	.01	.01													.40
BEARDSTOWN LAGRANGE DAM	//						.12	.03	.05	.04	.06	.07	.03		.02	.01	.01	.01			.02			.01	.06	.54
BRADFORD CAA	6							*	*	*	*	*	.63	*	*	*	*	*	.01							
CAIRO WB CITY			.12	.16	.14	.02										.01						.24	.26	.17	.12	1.24
CHICAGO CAL TREAT WKS											.10	.13	.28	.05										.01		.57
CHICAGO LOYOLA UNIV		.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT											.05	.09	.25	.03												.42
CHICAGO SAN DIST OFF											.05	.08	.24	.03							.01					.41
CHICAGO UNIVERSITY											.10	.12	.28	.03												.53
CHICAGO WB AIRPORT											.07	.10	.25	.03						.01						.46
CHICAGO WB CITY				.01	.01						.03	.06	.18	.10	.02		.01									.42
CISNE BROWN CAMP					.02		.10					.03				.02	1.07	.56	.17	.10	.24	.18	.20	.18	.10	2.97
COLLINSVILLE						.07	.45	.05				.04		.65		.12	.16	.12	.15	.05	.03	.17	.25	.25	.28	2.84
COULTERVILLE						.04			.01						.15	.99	.61	.29	.06	.05	.10	.30	.20	.15	.12	3.07
CRETE										.02	.08	.10	.17	.05	.01						.02					.45
DANVILLE HOSPITAL					.02	.01			.01	.05	.03	.08	.40	.53	.20	.07	.10	.10	.10	.17	.03	.05	.15	.22	.17	2.49
DIONA						.02	.05	.10	.19	.51	.20			.02	.53	.20	.12	.23	.19	.09	.05	.12	.25	.18	.12	3.17
DOUGLAS							.05	.05	.10	.19	.19	.01	.01	.03										.01		.64
DOWNS 2 NE			.03	.02	.03				.06	.05	.01	.30	.08	.01	.01	.05	.05			.05				.03	.12	.90
DWIGHT										.04	.08	.31	.01		.01		.03		*	*	*	*	*	*	*	*
EFFINGHAM CAA	//				.01	.01	.08	.22	.35	.43	.02			.03	.80	.22	.20	.25	.20	.09	.10	.16	.30	.20	.18	3.85
EVANSTON PUMP STA		.03									.01	.05	.12	.02												.23
FAIRBURY WATER WORKS	//								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FARMER CITY											.10	.10	.09	.05	.08	.05	.05	.02	.03	.09	.04	.02	.02	*	*	*
FREEPORT SEWAGE PLANT										.03	.11	.02														.16
FULTON DAM 13										.15	.04	.01	.01													.21
GALATIA						.10	.04		.01	.01	.01		.01					.01	.74	.29	.14	.13	.21	.20	.19	2.09
GLENDALE EXP FARM		.02	.01	.01	.08	.18	.01	.01	.01				.04	.02	.01		.02	.02		.29	.72	.19	.26	.25	.23	2.38
GOLCONDA DAM 51		.05	.03	.05	.40	.16	.03	.03				.01			.01	.01		.02		.01	.45	.42	.25	.20	.13	2.26
GREENFIELD			.01	.01		.03	.07	.03	.20	.12	.10	.24	.39	.17	.10	.04	.03	.02	.04		.01	.01	.03	.11	.11	1.87
HOOPESTON									.02	.05		.15	.03	.07	.12	.08	.05	.05		.12	.03	.04	.08	.10	.13	1.12
HUTSONVILLE	//					.01	.01	.11	.18	.12					.02	.01	1.16	.14	.07	.15	.15	.15	.33	.17	.15	2.93
ILLINOIS CITY DAM 16								.04	.11	.05																.20
JACKSONVILLE SEWAGE PL						.02	.08	.05	.09	.34	.15	.02	.08	.02		.05	.02		.01			.01		.01		.95
JOLIET WB AIRPORT	6							*	*	*	*	*	.69	*	*	*	*	*	.02							
KANKAKEE SEWAGE PLANT		.02		.01						.04	.02	.07	.10				.04	.01	*	*	*	*	*	*	*	*
KEWANEE BAKER PARK									.15	.29	.15	.01	.02	.01	.01		.01				.03					.88
LANARK										.05	.18	.01	.01													.25
LOCKPORT LOCK AND DAM									.01	.02	.10	.19	.27	.03												.62
LOCKPORT POWER HOUSE										.03	.10	.19	.21						.01							.54
LOUISVILLE						.05	.10	.03	.01	.01					.15	1.02	.23	.12	.15	.10	.26	.25	.15	.12	.10	2.85
MARIETTA					.01	.01	.01	.01	.10	.11	.15		.04	.03				.01	.02							.50
MASON CITY								.04	.04	.05	.07	.20	.03	.04	.06	.05	.02	.03		.02				.04	.01	.70
MC HENRY												.05	.04	.01					.02	.01						.13
MOLINE WB AIRPORT	//								.15	.12	.06															.33
MORRISONVILLE					.01	.01	.08	.05	.02	.05	.18	.07	.40	.23	.12	.08	.05	.01	.11	.04	.06	.10	.03	.10	.20	2.00
MT CARMEL WATER WORKS		.02	.01	.01	.02	.01	.08											.08	.90	.26	.19	.12	.17	.13	.20	2.20
MURPHYSBORO WATER WORKS	//					.03										.03		.35	.35	.36	.21	.20	.23	.19	.18	2.13
OREGON		-	-	-	-	-	-	-	-	-	-	-														-
PEORIA LOCK AND DAM	//							.03	.10	.06	.17	.07	.01	.02	.03		.03	.01	.01					.01		.55
PEORIA WB AIRPORT								.06	.09	.07	.17	.08	.01	.03	.02	.01	.01		.01		.01	.01			.01	.59
PITTSFIELD WATER WORKS							.10	.04	.10	.03	.08	.02	.05		.02	.01		.01	.01		.02		.01			.50
PRAIRIE DU ROCHER W WKS				.02	.03										1.05	1.52	.65	.40	.20	.05	.25	.53	.52	.35	.33	5.90
PRINCETON 1 S	//	.01	.01						.03	.33	.24	.05	.02							*	*	*	*	*	*	*
PROPHETSTOWN								.02		.13	.09	.01														.25
QUINCY CAA	6	*	*	*	*	*	.16	*	*	*	*	*	.53	*	*	*	*	*	.06							-
QUINCY DAM 21						.04	.01	.05	.05	.13	.10	.05	.01				.01	.03		.02	.02	.01				.53
RANTOUL CHANUTE AF BASE	//								.05	.02	.03	.40	.10	.14	.16	.1	.09	.06	.01	.15	.04	.06	.10	.20	.27	2.07
RICHVIEW						.10	.02		.01							.62	.58	.27	.08	.07	.23	.26	.16	.15	.12	2.67
ROCKFORD CAA	6							*	*	*	*	*	.18	*	*	*	*	*	.03							-
SKOKIE N S TREAT WKS		.01									.01	.04	.12	.02				.01								.21
SPRINGFIELD WB AIRPORT	//						.06	.12	.03	.02	.13	.13	.07	.15	.06	.04	.01	.03	.03	.03			.08	.11	.14	1.24
SPRINGFIELD WB CITY						.02	.05	.10	.02	.01	.06	.15	.06	.17	.06	.05	.01	.04	.02	.03	.01		.01	.10	.15	1.12
STICKNEY W SIDE TREAT											.05	.10	.25													.40
SULLIVAN WATER WORKS	//					.01		.16	.10	.14	.06	.09	.08	.63	.18	.22	.07	.13	.13	.17	*	*	*	*	*	*
URBANA EXP FARM							.03		.04	.03	.01	.03	.61	.30	.16	.12	.05	.03	.02	*	*	*	*	*	*	*
VANDALIA							.10	.35	.10					.58	.32	.15	.22	.23	.19	.05	.05	.26	.30	.25	.22	3.37
WASHINGTON								.08	.02	.03	.12	.10	.05	.03	.02	.04	.01	.03	.02						.03	.58
WATERMAN	//									.02	.05	.13														.20
WENONA				.03	.01				.01	.08	.12	.20						.03							.01	.49
														−4th−												
BEARDSTOWN LAGRANGE DAM	//	.01	.05	.05																						.11
BELVIDERE SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.75	1.15
BRADFORD CAA	6	*	*	*	*	*	.03																			
CAIRO WB CITY		.11	.09	.39	.42	.17	.24	.14	.07	.11	.08	.09	.09	.09	.10	.09	.09	.08	.08	.08	.08	.08	.08	.08	.07	3.00
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY				.06	.06	.04	.01																			.17
CHICAGO WB AIRPORT			.02	.05	.05	.02	.05																			.19
CHICAGO WB CITY				.02	.01	.05	.05	.03																		.16
CISNE BROWN CAMP		.15	.15	.15	.09	.06	.10	.10	.15	.15	.09	.10	.02	.01												1.32
COLLINSVILLE		.12	.35	.20	.25	.09	.06	.01	.01	.01																1.10
COULTERVILLE		.13	.20	.20	.08	.12	.10	.09	.11	.13	.07															1.23
CRETE			.05	.08	.04	.03	.04	.01		.01	.01															.27
DANVILLE HOSPITAL		.16	.12	.11	.07	.05	.10	.19	.09	.02																.91
DIONA		.15	.13	.20	.07	.10	.10	.13	.07	.04	.01															1.00
DOUGLAS			.01	.03	.01		.01																			.06
DOWNS 2 NE		.13	.07	.10	.09	.09		.01	.01																	.50
DWIGHT		*	*	*	*	*	.28																			.76
EFFINGHAM CAA	//	.14	.18	.20	.09	.09	.11	.09	.07																	.97
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//	*	*	*	*	1.00																				1.00
GALATIA		.19	.36	.20	.16	.13	.17	.10	.05	.07	.08	.05	.07	.04	.03				.01	.01	.13	.08	.05	.05	.05	2.08
GLENDALE EXP FARM		.28	.17	.38	.22	.22	.21	.13	.08	.09	.07			*	*	*	*	*	*	*	*	*	*	*	.10	1.95
GOLCONDA DAM 51		.26	.11	.33	.21	.11	.20	.15		.10	.05	.05	.05	.08	.07	.08	.07	.05	.08	.07	.05	.03	.02	.05	.03	2.30
GREENFIELD		.05	.11	.14	.05																					.35
HOOPESTON		.15	.09	.09	.02	.04	.06	.09																		.54
HUTSONVILLE	//	.12	.11	.16	.16	.10	.07	.08	.10	.15	.13	.10	.11													1.39

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
JACKSONVILLE SEWAGE PL			.10	.05																						.15
JOLIET WB AIRPORT	6	*	*	*	*	*	.10																			
KANKAKEE SEWAGE PLANT		*	*	*	*	*	*	.45																		.76
LOCKPORT LOCK AND DAM			.04	.04	.04	.03																				.15
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE		.10	.19	.14	.12	.08	.06	.10	.19	.09	.11															1.18
MARIETTA			.04	.04	.01	.01																				.10
MASON CITY			.03	.07	.08																					.18
MCHENRY						.02																				.02
MOLINE WB AIRPORT	//			.01	.01																					.02
MORRISONVILLE		*	*	*	*	.87																				.87
MT CARMEL WATER WORKS		.14	.15	.20	.11	.14	.11	.09	.09	.10	.07	.05	.15	.10							-	-	-	-	-	-
MURPHYSBORO WATER WORKS	//	.20	.23	.16	.10	.18	.08	.08	.12	.12	.13	.18	.05									.02		.02		1.67
PEORIA LOCK AND DAM	//	*	*	*	.14																					.14
PEORIA WB AIRPORT		.02	.03	.01	.02	.01																				.09
PITTSFIELD WATER WORKS		.02	.05	.05																						.12
PRAIRIE DU ROCHER W WKS		.40	.42	.24	.25	.16	.20	.22																		1.89
PRINCETON 1 S	//	*	*	*	*	*	.74																			.74
PROPHETSTOWN				.03																						.03
QUINCY CAA	6	*	*	*	*	*	.07																			
QUINCY DAM 21		.01	.01																							.02
RANTOUL CHANUTE AF BASE	//	.32	.28	.18	.18	.17	.25	.08		.02																1.48
RICHVIEW		.12	.23	.22	.06	.12	.08	.10	.13	.10	.07															1.23
ROCKFORD CAA	6	*	*	*	*	*	.02																			
SKOKIE N S TREAT WKS			.01	.03	.02	.05	.02																			.13
SPRINGFIELD WB AIRPORT	//	.09	.05	.10	.10	.01																				.35
SPRINGFIELD WB CITY		.14	.08	.11	.12	.03	.01	.01																		.50
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	3.96													3.96
URBANA EXP FARM		*	*	*	*	*	*	1.46																		2.89
VANDALIA		.17	.21	.14	.09	.07	.14	.06	.03																	.91
WASHINGTON			.02	.03	.05	.01																				.11
WATERMAN	//		.01	.01	.03	.02																				.07
WENONA		.01	.03	.02	.05																					.11
—5th—																										
CAIRO WB CITY		.05	.03	.02																		.01	.04	.06	.08	.29
CISNE BROWN CAMP																				*	*	*	*	*	*	*
COLLINSVILLE																					*	*	*	*	*	*
COULTERVILLE																				-	-	-	-	-	-	-
DANVILLE HOSPITAL																								*	*	*
EFFINGHAM CAA	//																								*	*
GALATIA		.03	.01																		*	*	*	*	*	*
GLENDALE EXP FARM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.80	1.80
GOLCONDA DAM 51																				*	*	*	*	*	*	*
HOOPESTON																									*	*
HUTSONVILLE	//																						*	*	*	*
LOUISVILLE																						*	*	*	*	*
MORRISONVILLE																								.02	.03	.05
MT CARMEL WATER WORKS		-	-	-	-	-	-														*	*	*	*	*	-
MURPHYSBORO WATER WORKS	//								.01											.04	.03	.07	.04	.05	.02	.26
PRAIRIE DU ROCHER W WKS																				.01	.06	.03	.02	.09	.07	.28
RANTOUL CHANUTE AF BASE	//										.01													.01	.12	.14
RICHVIEW																					*	*	*	*	*	*
SULLIVAN WATER WORKS	//																							.01	.01	.02
URBANA EXP FARM																						*	*	*	*	*
VANDALIA																									*	*
—6th—																										
BELLEVILLE SCOTT AF BSE	//	-	-	-	-	-	-	-	-	-	-	-														-
CAIRO WB CITY		.11	.09	.04	.03	.01																				.28
CISNE BROWN CAMP		*	*	*	*	.62																				.62
COLLINSVILLE		*	*	*	.45																					.45
COULTERVILLE		-	-	-	-	-	-	-	-	-	-	-														-
DANVILLE HOSPITAL		*	*	*	*	*	*	*	*	*	.54															.54
DIONA					.03	.04	.03	.04																		.14
EFFINGHAM CAA	//	*	*	*	*	.54																				.54
FARMER CITY		*	.90																							1.64
GALATIA		*	*	*	*	.92																				.96
GOLCONDA DAM 51		*	*	*	*	*	*	*	*	*	*	*	.37													.37
HOOPESTON		*	*	*	*	*	*	.44																		.44
HUTSONVILLE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.81									.81
LOUISVILLE		*	*	*	*	*	*	*	*	*	.62															.62
MORRISONVILLE		.02	.02	.05	.01	.01	.01																			.12
MT CARMEL WATER WORKS		*	*	*	*	*	*	.92																		-
MURPHYSBORO WATER WORKS	//	.03	.02	.13	.02				.04	.01																.25
PRAIRIE DU ROCHER W WKS		.20	.13	.16	.05	.01																				.55
RANTOUL CHANUTE AF BASE	//	.10	.08	.02	.02	.01	.02		.02																	.27
RICHVIEW		*	*	*	*	*	*	*	*	.50																.50
SULLIVAN WATER WORKS	//	.03	.03	.01	.01	.01																				.09
URBANA EXP FARM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.27					.27
VANDALIA		*	*	*	.37																					.37
—9th—																										
BEARDSTOWN LAGRANGE DAM	//																				.03	.02	.02	.01	.01	.09
BELLEVILLE SCOTT AF BSE	//																					.02	.03	.02	.10	.17
BELVIDERE SEWAGE PLANT																					.05	.02	.01	.02	.03	.13
BRADFORD CAA	6																			*	*	*	*	*	.05	
CAIRO WB CITY																						.03		.01	.06	.10
CHICAGO CAL TREAT WKS																						.01	.03	.03	.06	.13
CHICAGO LOYOLA UNIV																						.05	.07	.04	.01	.17
CHICAGO N BRA PUMP STA																						.04	.08	.03	.01	.16
CHICAGO SAN DIST DISPAT																						.02	.05	.02	.02	.11
CHICAGO SAN DIST OFF																					.04	.03		.01	.01	.09
CHICAGO UNIVERSITY																						.02	.03	.02	.04	.11
CHICAGO WB AIRPORT																						.03	.03	.02	.05	.13
CHICAGO WB CITY																						.01	.04	.04	.06	.15
CISNE BROWN CAMP																									.05	.05
COLLINSVILLE																						.01	.03	.04	.07	.15
COULTERVILLE																									.05	.05
CRETE																		.01				.01	.01	.05	.10	.18
DANVILLE HOSPITAL																						.03	.20	.20	.07	.50
DIONA																		.01	.01			.02	.01	.22	.15	.42
DOUGLAS																			*	*		*	*	*	*	*
DOWNS 2 NE																						.07	.10	.10	.02	.29
DWIGHT																						.05	.05	.05	.05	.20
EFFINGHAM CAA	//																						.04	.04	.09	.17
EVANSTON PUMP STA																						.04	.09	.02	.01	.16
FAIRBURY WATER WORKS	//																					.02	.05	.09	.05	.21
FARMER CITY																						.03	.10	.10	.10	.33
FREEPORT SEWAGE PLANT																								.02	.01	.03
FULTON DAM 13																					.05	.04				.09

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GALATIA																							.03	.01	.01	.05
GLENDALE EXP FARM																									.12	.12
GOLCONDA DAM 51																						.02	.02		.01	.05
GREENFIELD																						.05		.09	.03	.17
HOOPESTON																							.09	.05	.08	.22
HUTSONVILLE																								.03	.02	.05
ILLINOIS CITY DAM 16																				.07	.02					.09
JACKSONVILLE SEWAGE PL																						.02	.01	.01	.01	.05
JOLIET WB AIRPORT	6																			*	*	*	*	*	.08	
KANKAKEE SEWAGE PLANT																							.02	.03	.10	.15
KEWANEE BAKER PARK																					.03	.02				.05
LANARK																						.03	.02		.02	.07
LOCKPORT LOCK AND DAM																							.03	.01	.03	.07
LOCKPORT POWER HOUSE																						.01	.04	.01	.03	.09
LOUISVILLE																							.02		.03	.05
MARIETTA																				*	*	*	*	*	*	*
MASON CITY																						.06	.03	.02		.11
MC HENRY																						.03	.01	.06	.03	.13
MOLINE WB AIRPORT																				.05	.03					.08
MORRISONVILLE																						.02	.04	.06	.10	.22
MT CARMEL WATER WORKS																								.03	.02	.05
MURPHYSBORO WATER WORKS	//																						.02		.03	.05
OREGON																					.08	.02	.02	.03		.15
PEORIA LOCK AND DAM																					.05	.05		.01	.01	.12
PEORIA WB AIRPORT																					.02	.06			.08	
PITTSFIELD WATER WORKS																					.02	.01		.01		.04
PRAIRIE DU ROCHER W WKS																								.05	.13	.18
PRINCETON 1 S	//																				.01	.05				.06
PROPHETSTOWN																				.02	.03	.01				.06
QUINCY CAA	6																			*	*	*	*	*	.03	
QUINCY DAM 21																				.05	.03					.08
RANTOUL CHANUTE AF BASE	//																					.20	.30	.12	.15	.77
RICHVIEW																							.04		.01	.05
ROCKFORD CAA	6																			*	*	*	*	*	.07	
SKOKIE N S TREAT WKS																						.04	.09	.02	.01	.16
SPRINGFIELD WB AIRPORT	//																					.04	.05	.02		.11
SPRINGFIELD WB CITY																						.03	.04	.04	.01	.12
STICKNEY W SIDE TREAT																						.03	.05	.02	.01	.11
SULLIVAN WATER WORKS	//																						.06	.18	.08	.32
URBANA EXP FARM																							.11	.11	.10	.32
VANDALIA																							.05	.05	.05	.15
WASHINGTON																						.08	.02			.10
WATERMAN	//																					.05		.04	.01	.10
WENONA																						.03	.02	.05		.10
—10th—																										
BEARDSTOWN LAGRANGE DAM	//	.01																								.01
BELLEVILLE SCOTT AF BSE	//	.02																								.02
BELVIDERE SEWAGE PLANT		.01	.01																							.02
CAIRO WB CITY		.08	.07	.55	.35	.21	.02	.01	.01																	1.30
CHICAGO CAL TREAT WKS		.06	.01																							.07
CHICAGO LOYOLA UNIV		.01																								.01
CHICAGO N BRA PUMP STA		.01																								.01
CHICAGO SAN DIST DISPAT		.01																								01
CHICAGO UNIVERSITY		.03																								.03
CHICAGO WB AIRPORT		.03																								.03
CHICAGO WB CITY		.02	.01																							.03
CISNE BROWN CAMP		.03	.02	.15	.50																					.70
COLLINSVILLE		.01	.03																							.04
COULTERVILLE		.09	.09	.02																						.20
CRETE		.05	.04																							.09
DANVILLE HOSPITAL		.10	.04	.01																						.15
DIONA		.15	.07	.03	.05	.02																				.32
DOUGLAS		*	*	*	*	*	.05																			.05
DOWNS 2 NE		.01	.01	.01																						.03
DWIGHT			.02	.01																						.03
EFFINGHAM CAA	//	.13	.12	.03																						.28
EVANSTON PUMP STA		.04																								.04
FAIRBURY WATER WORKS	//	.01	.02	.01																						.04
FARMER CITY			.02	.01																						.03
GALATIA		.04	.39	.32	.30	.04	.01																			1.10
GLENDALE EXP FARM		.48	.05	.34	.47	.21	.03																			1.58
GOLCONDA DAM 51		.11	.10	.05	.45	.20	.10																			1.01
HOOPESTON		.08	.04	.01																						.13
HUTSONVILLE	//	.03	.10	.08	.24	.15	.02																			.62
KANKAKEE SEWAGE PLANT		.01	.01	.02	.01																					.05
LANARK		.02																								.02
LOCKPORT LOCK AND DAM		.01	.01		.01																					.03
LOCKPORT POWER HOUSE		.01																								.01
LOUISVILLE		.07	.09	.06	.03																					.25
MARIETTA		*	*	*	*		.03																			.03
MC HENRY		.02																								.02
MT CARMEL WATER WORKS			.05	.28	.52	.20	.07		.01	.02																1.15
MURPHYSBORO WATER WORKS	//	.07	.25	.30	.12	.01	.02	.09	.04																	.90
PEORIA LOCK AND DAM	//	.01	.01																							.02
PRAIRIE DU ROCHER W WKS		.12	.08	.02																						.22
PROPHETSTOWN		.01	.01				.01																			.03
RANTOUL CHANUTE AF BASE	//	.05																								.05
RICHVIEW		.05	.03	.07																						.15
SKOKIE N S TREAT WKS		.02																								.02
SPRINGFIELD WB CITY		.01																								.01
STICKNEY W SIDE TREAT			.01																							.01
SULLIVAN WATER WORKS	//	.13	.01																							.14
URBANA EXP FARM		.11																								.11
VANDALIA		.13	.02	.03																						.18
WASHINGTON		.03	.01																							.04
—11th—																										
CAIRO WB CITY																									.05	.05
COULTERVILLE																									.01	.01
GALATIA																							.02		.02	.04
GLENDALE EXP FARM											.01											.01			.03	.05
GOLCONDA DAM 51																									.04	04
MURPHYSBORO WATER WORKS	//																			-	-	-	-	-	-	-
PRAIRIE DU ROCHER W WKS																									.19	.19
—12th—																										
AUGUSTA HIGH SCHOOL																					.02	.03	.15	.02	.06	.28
BEARDSTOWN LAGRANGE DAM	//																				.02	.01	.02	.01	.02	.08
BELLEVILLE SCOTT AF BSE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRADFORD CAA	6																			*	*	*	*	*	.09	
CAIRO WB CITY		.02	.02		.15	.02	.06	.07	.13	.34	.07						.03	.01	.01	.01	.01	.07	.12	.09	.07	1.29

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO CAL TREAT WKS																									.02	.02
CHICAGO N BRA PUMP STA																								.03		.03
CHICAGO SAN DIST DISPAT																									.01	.01
CHICAGO WB AIRPORT																									.01	.01
CHICAGO WB CITY																									.01	.01
CISNE BROWN CAMP			.05	.15	.07	.01	.06	.03	.03	.04	.01									.03	.01	.01	.03	.06	.09	.68
COLLINSVILLE			.01	.01	.01																.03	.07	.06	.02	.08	.29
COULTERVILLE		.10	.19	.01	.10	.13	.07	.05														.05	.05	.05		.80
CRETE																		.02	.01					.01	.01	.05
DANVILLE HOSPITAL														*	*	*	*	*	*	*	*	*	*	*	*	*
DIONA																							.04	.03	.05	.12
DOUGLAS																									.06	.06
DOWNS 2 NE																					.03	.01	.01	.02	.01	.08
DWIGHT																							.04	.04	.02	.10
EFFINGHAM CAA	//																						.05	.05	.08	.18
EVANSTON PUMP STA																									.01	.01
FAIRBURY WATER WORKS	//																					.03	.03	.04	.01	.11
FARMER CITY																					.02	.01	.01	.01	.02	.07
FULTON DAM 13																	.03	.01	.01	.01	.01		.01		.01	.09
GALATIA		.05	.23	.45	.25	.18	.32	.25	.24	.02	.02	.02	.01							.02	.02	.04	.07	.10	.07	2.36
GLENDALE EXP FARM		.05	.03	.09	.18	.19	.15	.16	.25	.11	.13	.03	.01		.01	.01			.02	.01	.01	.04	.11	.13	.10	1.82
GOLCONDA DAM 51		.08	.08	.05	.15	.05		.05	.18	.07	.15	.05				.04	.01	.02	.03			.05	.10	.19	.06	1.41
GREENFIELD																		.01	.01		.01	.03	.03	.02	.03	.14
HOOPESTON																							.04	.01		.05
HUTSONVILLE	//			.01	.02				.01		.01											.01		.05	.05	.16
ILLINOIS CITY DAM 16																								.09	.04	.13
JACKSONVILLE SEWAGE PL																				.05	.02	.03		.05	.02	.17
JOLIET WB AIRPORT	6																			*	*	*	*	*	.03	
KANKAKEE SEWAGE PLANT																									.02	.02
KEWANEE BAKER PARK															.03	.01								.02	.10	.16
LANARK																									.03	.03
LOCKPORT LOCK AND DAM																				-	-	-	-	-	-	-
LOCKPORT POWER HOUSE																								.01	.01	.02
LOUISVILLE			.03	.05						.02	.01	.01				.01							.05	.05	.03	.26
MARIETTA																					.03	.01	.03	.07	.06	.20
MASON CITY																						.02	.02	.03	.09	.16
MOLINE WB AIRPORT	//																								.06	.06
MORRISONVILLE																						.04	.06	.05	.03	.18
MT CARMEL WATER WORKS					.12	.12	.09	.05	.06	.01										.02	.02	.01	.03	.07	.05	.65
PEORIA LOCK AND DAM	//																				.02	.03	.03	.02	.04	.14
PEORIA WB AIRPORT																						.05	.02	.07	.01	.15
PITTSFIELD WATER WORKS																					.01	.04	.01		.03	.09
PRAIRIE DU ROCHER W WKS		.31	.10	.04	.21	.14	.06	.03	.02												.03	.07	.08	.02		1.11
PRINCETON 1 S	//																						.01	.02	.06	.09
PROPHETSTOWN																							.02		.02	.04
QUINCY CAA	6																			*	*	*	*	*	.14	
QUINCY DAM 21																				*	*	*	*	*	*	*
RANTOUL CHANUTE AF BASE	//																*	*	*	*	.05		.03	.02	.03	.13
RICHVIEW		.06	.19	.03	.01	.07	.03	.02	.02		.01	.01										.03	.05	.03	.04	.60
ROCKFORD CAA	6																			*	*	*	*	*	.02	
SPRINGFIELD WB AIRPORT	//																					.02	.01	.02	.02	.07
SPRINGFIELD WB CITY																			.02		.01	.03	.01	.03	.02	.12
STICKNEY W SIDE TREAT																									.01	.01
SULLIVAN WATER WORKS	//															.02	.01	.01					.03	.05	.03	.15
URBANA EXP FARM																								.03	.01	.04
VANDALIA																						.02	.06	.05	.05	.18
WASHINGTON																							.02	.05	.08	.15
WATERMAN	//																								.02	.02
WENONA																								.05	.05	.10

—13th—

AUGUSTA HIGH SCHOOL		.03	.01			.04	.21	.08	.06	.09	.02															.54
BEARDSTOWN LAGRANGE DAM	//	.05				.05	.07	.25	.14	.11	.04															.71
BELVIDERE SEWAGE PLANT			.10	.05		.02	.05	.13	.09	.01	.19	.05	.01						.02							.72
BRADFORD CAA	6	*	*	*	*	*	.66	*	*	*	*	*	.39	*	*	*	*	*	.02							
CAIRO WB CITY		.07	.01						.02			.23	.19	.16	.09	.06	.05	.02								.90
CHICAGO CAL TREAT WKS		.03	.04	.06	.06	.10	.13	.09	.11	.13	.14	.25	.03						.01			.01				1.19
CHICAGO LOYOLA UNIV		.02	.09	.20	.12	.03	.04	.06	.35	.29	.16	.19	.05										.01			1.61
CHICAGO N BRA PUMP STA		.02	.06	.19	.11	.03	.04	.04	.23	.38	.16	.21	.06						.01							1.54
CHICAGO SAN DIST DISPAT		.03	.10	.13	.02	.01	.05	.05	.32	.18	.17	.20	.02						.01	.01						1.30
CHICAGO SAN DIST OFF		.03	.08	.15	.03	.01	.05	.05	.31	.19	.18	.25	.04													1.37
CHICAGO UNIVERSITY		.06	.02	.01	.02	.03	.09	.07	.26	.14	.20	.32	.03													1.25
CHICAGO WB AIRPORT		.05	.10	.10	.03	.01	.07	.05	.31	.21	.21	.18	.03						.01	.01						1.37
CHICAGO WB CITY		.01	.04	.16	.02	.02	.08	.08	.35	.20	.18	.21	.04	.02					.02							1.43
CISNE BROWN CAMP		.03	.10	.05							.05	.40	.04	.06	.03	.07								.02	.01	.86
COLLINSVILLE		.22	.14	.30	.16				.02	.37	.01															1.22
COULTERVILLE		.13	.07		.05					.03	.27	.04		.08	.01											.68
CRETE			.05	.05	.10	.15	.10	.15	.05	.10	.05	.25	.05				.02		.01							1.13
DANVILLE HOSPITAL		*	*	*	*	*	*	*	.70	.03	.02	.10	.30	.02	.01											1.18
DIONA		.12	.07	.23	.20	.16	.01			.02	.03	.62	.05	.01	.05		.02		.01			.04				1.64
DOUGLAS		.15	.20	.10	.07	.06	.12	.20	.05	.15	.09	.01		.02		.02										1.24
DOWNS 2 NE		.04	.02	.01	.10	.18	.05	.17	.12	.21	.27	.03														1.20
DWIGHT		.05	.10	.07	.03	.05	.15	.20	.05	.18	.18	.05		.01	.01											1.13
EFFINGHAM CAA	//	.06	.05	.29	.20	.07					.10	.23	.01	.01	.03							.06				1.11
EVANSTON PUMP STA		.01	.06	.1	.14	.05	.05	.08	.26	.22	.14	.18	.05									.01				1.44
FAIRBURY WATER WORKS	//	.05	.03	.02	.03	.11	.06	.05	.15	.03	.32	.05									.20					1.10
FARMER CITY		.01	.02	.02	.12	.21	.10	.05	.25	.08	.04	.15									.06	.01				1.12
FREEPORT SEWAGE PLANT		.02	.02	.03	.02	.05	.13	.09	.02	.09	.09	.06						.01	.02	.03						.68
FULTON DAM 13		.09	.02	.03	.04	.06	.14	.03		.07	.08	.03					.01		.01							.61
GALATIA		.31	.14	.03	.02	.01		.01	.01		.05	.44	.15	.10	.01	.08										1.36
GLENDALE EXP FARM		.07	.06	.02	.01				.01	.01		.04	.27	.17	.05	.08	.06	.01								.86
GOLCONDA DAM 51		.08	.06	.01				.02					.07	.22	.03	.06	.06	.06								.67
GREENFIELD			.19	.05	.06	.05	.35	.20	.15	.50	.05						.02			.03						1.65
HOOPESTON		.01	.08	.05	.10	.13	.10	.10	.07	.08	.05	.29	.03									.10				1.19
HUTSONVILLE	//	.04	.04	.05	.12	.04	.01				.02	.02	.24	.0	.03	.03	.05						.01			.79
ILLINOIS CITY DAM 16		.07	.03	.02	.05	.10	.15	.03	.07	.09	.01	.05														.67
JACKSONVILLE SEWAGE PL			.03	.10	.03	.12	.13	.22	.10	.05	.05						.02	.01		.04						.90
JOLIET WB AIRPORT	6	*	*	*	*	*	.29	*	*	*	*	*	.92													
KANKAKEE SEWAGE PLANT		.04	.06	.10	.06	.08	.22	.06	.21	.04	.01	.34	.03		.01						.01	.03				1.30
KEWANEE BAKER PARK		.13	.07	.05	.04	.09	.10	.02		.18	.05	.02	.03	.01	.01											.80
LANARK		.01	.05	.03	.01	.05	.07	.13	.02	.05	.12	.03					.01	.01				.02				.61
LOCKPORT POWER HOUSE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.18	1.18
LOUISVILLE		.01	.06	.08	.07						.04	.24	.01	.03	.10							.02	.01			.67
MARIETTA		.15	.03	.05	.02	.05	.13	.12	.10	.20	.04															.89
MASON CITY		.04	.04	.02	.01	.20		.14	.16	.30	.10															1.01
MC HENRY		.02	.09	.11	.04	.03	.08	.10	.13	.02	.17	.08								.01	.01	.03				.92
MOLINE WB AIRPORT	//	.08	.05	.01	.02	.12	.20	.05	.02	.15	.04								.05							.79
MORRISONVILLE		.02	.09	.11	.08	.12	.08	.06	.04	.02	.28	.01	.01													.92
MT CARMEL WATER WORKS		.05	.10	.2	.05					.01		.01	.32	.12	.03	.06	.05							.03		1.12
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
OREGON		.04	.04	.03	.03	.02	.10	.15	.10	.05	.15	.04					.01		.03	.02						.81
PEORIA LOCK AND DAM	//	.11	.13	.06	.04	.11	.14	.42	.14	.21	.14	.01														1.51
PEORIA WB AIRPORT		.07	.16	.03	.02	.10	.10	.31	.14	.18	.12	.01														1.24
PITTSFIELD WATER WORKS		.01			.01		.55	.23	.17	.08	.02															1.07
PRAIRIE DU ROCHER W WKS		.05	.15	.10	.08					.07	.20		.03	.05												.73

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
PRINCETON 1 S	//	.14	.13	.10	.04	.03	.10	.25	.02	.08	.15	.03		.01												1.11
PROPHETSTOWN		.01	.04	.01		.04	.05	.08	.03	.08	.11	.01	.01	.01												.48
QUINCY CAA	6	*	*	*	*	*	.33	*	*	*	*	*	.22													
QUINCY DAM 21		*	*	*	*	*	*	*	*	*	*	*	.72						.04							.76
RANTOUL CHANUTE AF BASE	//	.02	.05	.05	.33	.10	.17	.08	*	*	*	.65														1.45
RICHVIEW		.06	.05	.09	.01		.03			.02	.35	.05		.03	.02											.71
ROCKFORD CAA	6	*	*	*	*	*	.32	*	*	*	*	*	.41	*	*	*	*	*	.06							
SKOKIE N S TREAT WKS		.02	.07	.21	.16	.04	.04	.06	.24	.25	.12	.20	.06									.01				1.48
SPRINGFIELD WB AIRPORT	//	.02		.05	.11	.07	.09	.16	.03	.38	.11	.01								.01	.01					1.05
SPRINGFIELD WB CITY		.02	.01	.15	.11	.06	.14	.16	.05	.45	.10									.10						1.35
STICKNEY W SIDE TREAT		.04	.10	.12	.02	.01	.04	.05	.33	.18	.22	.28	.03						.01							1.43
SULLIVAN WATER WORKS	//	.07	.08	.10	.05	.15	.08	.02			.10	.29	.01	.02	.01		.01		.01		.03					1.03
URBANA EXP FARM		.01	.01	.07	.15	.08	.12	.07	.07	.01	.04	.31														.94
VANDALIA		.09	.16	.17	.20	.10					.35			.02			.01					.03			1.13
WASHINGTON		.07	.10	.05		.10	.08	.22	.25	.25	.19															1.31
WATERMAN	//	.03	.18	.10	.12	.04	.06	.13	.26	.02	.08	.10	.02								.02					1.16
WENONA		.08	.06	.16	.08	.02	.08	.17	.28	.17	.19	.01														1.30
—14th—																										
AUGUSTA HIGH SCHOOL																									.05	.05
BEARDSTOWN LAGRANGE DAM	//																							.02	.04	.06
COLLINSVILLE																									.06	.06
EFFINGHAM CAA	//																								.02	.02
GREENFIELD																									.03	.03
JACKSONVILLE SEWAGE PL																									.04	.04
MORRISONVILLE																									.04	.04
PITTSFIELD WATER WORKS																									.01	.01
QUINCY CAA	6																			*	*	*	*	*	.11	
QUINCY DAM 21																								.05		.05
SPRINGFIELD WB CITY																									.04	.04
URBANA EXP FARM																						.19				.19
VANDALIA																									.01	.01
—15th—																										
AUGUSTA HIGH SCHOOL		.10		.10					.03	.01	.01															.25
BEARDSTOWN LAGRANGE DAM	//	.01	.05	.03	.02								.07													.18
BELLEVILLE SCOTT AF BSE	//	-	-	-	-	-	-	-	-	-	-	-														-
BELVIDERE SEWAGE PLANT				.05	.04	.01	.02	.01	.01	.01																.15
BRADFORD CAA	6	*	*	*	*	*	.40																			
CAIRO WB CITY		.42	.03										.03				.56	.02	.03	.01						1.10
CHICAGO CAL TREAT WKS					.08	.05	.11	.03	.03	.01					.01											.32
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	.04	.06	.03																-
CHICAGO SAN DIST DISPAT						.11	.16	.04	.03	.02					.01											.37
CHICAGO SAN DIST OFF						.03	.08	.02	.04	.07	.02															.26
CHICAGO UNIVERSITY		.03		.01	.07	.17	.13	.05	.02																	.48
CHICAGO WB AIRPORT			.02		.03	.08	.16	.02																		.31
CHICAGO WB CITY				.01	.03	.09	.11	.07	.06			.01	.01	.01												.40
CISNE BROWN CAMP			.12	.25	.05		.14	.04	.01	.01	.10	.03	.01	.31												1.07
COLLINSVILLE		.12	.11	.17	.17	.10					.01															.67
COULTERVILLE		.11	.29	.07	.03	.02	.04							.30	.09											.96
CRETE					.09	.06	.15	.05		.02		.02	.01		.02											.42
DANVILLE HOSPITAL			.05	.05	.02	.13	.20	.09	.01	.02	.01	.01		.01	.03											.63
DIONA		.01	.12	.18	.12	.53	.23	.02	.03	.02			.03	.02	.13	.06										1.50
DOUGLAS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
DOWNS 2 NE		.01	.01	.05	.10	.18			.02	.03	.01															.41
DWIGHT			.03	.17	.04	.11	.05	.02	.02						.06											.50
EFFINGHAM CAA	//	.13	.17	.08	.12	.13	.09	.01		.02	.02	.01	.25	.25	.02											1.30
EVANSTON PUMP STA						.02	.11	.06	.03	.05	.03															.30
FAIRBURY WATER WORKS	//	.02	.03	.10	.23	.17					.03		.01	.01	.03											.63
FARMER CITY				.04	.04	.20	.10						.23													.61
FREEPORT SEWAGE PLANT				.02	.03	.01		.01	.01	.02	.02															.12
FULTON DAM 13		.01	.04	.06		.01																				.12
GALATIA		.04	.25	.01				.04	.01			.05	.05			.25	.10	.05								.85
GLENDALE EXP FARM		.06	.49		.01		.02	.01	.01				.01				.47	.07	.01							1.16
GOLCONDA DAM 51		.03	.31				.01	.03		.01	.01		.04	.01		.04	.46	.10	.04	.01						1.10
GREENFIELD			.03	.01	.10	.01																				.15
HOOPESTON			.06			.10	.04	.05	.03	.01	.03	.01	.02	.03	.02											.40
HUTSONVILLE	//			.19	.20	.09	.05	.07	.05	.02	.01	.12	.07		.01	.27	.12									1.27
ILLINOIS CITY DAM 16		.04	.01																							.05
JACKSONVILLE SEWAGE PL		.01		.05	.04	.01																				.11
JOLIET WB AIRPORT	6	*	*	*	*	*	.43	*	*	*	*	*	.02													
KANKAKEE SEWAGE PLANT		*	*	*	*	.25	.04	.05	.02	.03	.01	.01		.01		.02										.44
KEWANEE BAKER PARK		.02	.05	.24	.01						.03	.01	.01	.03		.01										.41
LANARK		.01	.01	.02	.04	.03																				.11
LOCKPORT LOCK AND DAM		-	-	-	-	-	-	-	-	-	-	-														-
LOCKPORT POWER HOUSE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.46	.46
LOUISVILLE			.10	.33	.20		.04	.08			.03	.04	.01	.01	.01	.20	.02									1.07
MARIETTA		.08	.05	.05	.05	.04	.01																			.28
MASON CITY				.25	.05	.03					.02	.03	.02	.08												.48
MC HENRY					.08	.04			.01	.02	.02															.17
MOLINE WB AIRPORT	//		.01	.01																						.03
MORRISONVILLE		.03	.04	.01	.08	.17				.02	.01	.01	.01													.38
MT CARMEL WATER WORKS			.10	.25	.23			.07	.05			.03	.42		.05	.25	.17	.06								1.68
MURPHYSBORO WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON		.02	.01		.09	.01				.03	.02															.18
PEORIA LOCK AND DAM	//	.03	.09	.06	.13	.06	.01	.03	.02																	.43
PEORIA WB AIRPORT		.01	.06	.03	.07	.03	.01							.02												.23
PITTSFIELD WATER WORKS		.01	.13	.06	.01								.13													.34
PRAIRIE DU ROCHER W WKS		.23	.25		.02	.01	.02			.03				.02												.58
PRINCETON 1 S	//		.05	.10	.18	.02				*	*	*	*	*	*	.05										.40
PROPHETSTOWN				.07	.02				.01																	.10
QUINCY CAA	6	*	*	*	*	*	.04																			
QUINCY DAM 21		.01	.01	.04		.04																				.10
RANTOUL CHANUTE AF BASE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
RICHVIEW		.05	.28	.07		.02	.03	.02	.01	.02	.08	.01		.21	.05											.85
ROCKFORD CAA	6	*	*	*	*	*	.09	*	*	*	*	*	.07													
SKOKIE N S TREAT WKS						.04	.16	.08	.02	.02	.01															.33
SPRINGFIELD WB AIRPORT	//		.02	.01	.11	.02	.01																			.17
SPRINGFIELD WB CITY		.01	.05	.03	.17	.10																				.36
STICKNEY W SIDE TREAT						.13	.22	.07	.03	.01																.46
SULLIVAN WATER WORKS	//	.07	.08	.12	.05	.25	.15	.04		.01					.08											.85
URBANA EXP FARM			.02	.02	.02	.10	.09	.02					.01	.05												.33
VANDALIA		.12	.19	.17	.17	.16	.09	.03	.01	.01	.01	.01	.02	.03	.01											1.03
WASHINGTON			.05	.24	.01	.05	.05							.10												.50
WATERMAN	//		.01	.05	.08	.13	.03	.02	.04	.05																.41
WENONA			.02	.10	.05	.05	.04	.01						.02	.01											.30
—17th—																										
CAIRO WB CITY																									.05	.05

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—18th—																										
CAIRO WB CITY		.01								.01	.01							.01	.01							.03
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO WB AIRPORT										.01	.01															.02
CHICAGO WB CITY									.01	.03																.04
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREEPORT SEWAGE PLANT									.01	.03																.04
FULTON DAM 13											.02	.01	.02													.05
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	.02																	.02
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—22d—																										
CAIRO WB CITY			.01							.01																.02
DIONA											.02		.01													.03
GOLCONDA DAM 51						.01	.01	.01	.01	.01																.05
—23d—																										
AUGUSTA HIGH SCHOOL																			.05	.20		.27	.01	.17	.25	.95
BEARDSTOWN LAGRANGE DAM	//										.02		.01		.01	.01		.05	.14	.10	.11	.03	.09	.23		.80
BELVIDERE SEWAGE PLANT																									.04	.04
BRADFORD CAA	6	*	*	*	*	*	.01													*	*	*	*	*	.36	
CAIRO WB CITY										.01																.01
CHICAGO CAL TREAT WKS								.01															.03	.20	.13	.37
CHICAGO LOYOLA UNIV					.01																			.07	.15	.23
CHICAGO N BRA PUMP STA					.01																			.09	.16	.26
CHICAGO SAN DIST DISPAT																							.02	.11	.14	.27
CHICAGO SAN DIST OFF																							.04	.12	.15	.31
CHICAGO UNIVERSITY																								.12	.18	.30
CHICAGO WB AIRPORT						.01																	.01	.11	.10	.23
CHICAGO WB CITY						.01																	.01	.05	.16	.23
CISNE BROWN CAMP																	.04					.01			.05	.10
CRETE																							.08	.38	.05	.51
DANVILLE HOSPITAL																						.13	.02	.04		.19
DIONA																				.03						.03
DOUGLAS																								.05	.30	.35
DOWNS 2 NE																				.15	.14	.26	.10	.35	.05	1.05
DWIGHT																						.08	.20	.07	.07	.42
EFFINGHAM CAA	//																			.01	.01		.01		.07	.10
EVANSTON PUMP STA																								.18	.13	.21
FAIRBURY WATER WORKS	//																			.03	.07	.23	.15	.06	.14	.68
FARMER CITY																				.20	.43	.42	.20	.18	.02	1.45
FULTON DAM 13																								.08	.07	.15
GALATIA																								.05	.15	.20
GLENDALE EXP FARM												.01												.01	.04	.06
GOLCONDA DAM 51												.08	.01				.01	.08					.02			.20
GREENFIELD																	.11	.06	.04							.21
HOOPESTON																					.10	.25	.04	.31	.12	.82
HUTSONVILLE	//																		.05	.10	.03					.18
ILLINOIS CITY DAM 16																						.10	.15	.10		.35
JACKSONVILLE SEWAGE PL																		.20	.05	.14	.01					.40
JOLIET WB AIRPORT	6																			*	*	*	*	*	.31	
KANKAKEE SEWAGE PLANT																							.30	.16	.01	.47
KEWANEE BAKER PARK																						.05	.17		.03	.25
LANARK																									.04	.04
LOCKPORT LOCK AND DAM								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT POWER HOUSE																							.02	.24	.07	.33
LOUISVILLE																.01			.02						.09	.12
MARIETTA																				.04	.21	.08	.22	.05	.10	.70
MASON CITY																			.05	.10	.30	.15	.04	.09	.02	.75
MC HENRY																									.05	.05
MOLINE WB AIRPORT	//																					.03	.26	.02	.03	.34
MORRISONVILLE														-	-	-	-	-	-	-	-	-	-	-	-	-
MT CARMEL WATER WORKS														.03	.02	.09	.01		.05	.20						.40
MURPHYSBORO WATER WORKS	//																			-	-	-	-	-	-	-
OREGON																								.03	.07	.10
PEORIA LOCK AND DAM	//																				.05	.15	.23	.07	.20	.70
PEORIA WB AIRPORT																					.02	.11	.20	.08	.08	.49
PITTSFIELD WATER WORKS																	.05	.02	.18	.03		.06		.01		.35
PRINCETON 1 S	//																						.15	.08	.04	.27
PROPHETSTOWN																							.10	.08	.02	.20
QUINCY CAA	6													*	*	*	*	*	.46	*	*	*	*	*	.45	
QUINCY DAM 21																			.25	.05	.05		.09	.36	.05	.85
RANTOUL CHANUTE AF BASE	//																				.35	.25	.08	.26	.06	1.00
ROCKFORD CAA	6	*	*	*	*	*	.01													*	*	*	*	*	.05	
SKOKIE N S TREAT WKS						.01																		.04	.12	.17
SPRINGFIELD WB AIRPORT	//												.01					.05	.50	.45	.09	.02	.04			1.16
SPRINGFIELD WB CITY																		.07	.33	.24	.06	.02	.01	.01		.74
STICKNEY W SIDE TREAT																							.01	.09	.10	.20
SULLIVAN WATER WORKS	//																						.05			.05
URBANA EXP FARM																				.10	.12	.06	.07	.18	.01	.54
VANDALIA																				*	*	*	*	*	.05	.05
WASHINGTON																					.03	.17	.19	.11	.30	.80
WATERMAN	//																							.10	.03	.13
WENONA																						.03	.10	.17	.10	.40
—24th—																										
AUGUSTA HIGH SCHOOL		.14	.03	.02	.01																					.20
BEARDSTOWN LAGRANGE DAM	//	.14	.08		.02																					.24
BELVIDERE SEWAGE PLANT		.07	.01																						.18	.26
BRADFORD CAA	6	*	*	*	*	*	.02	*	*	*	*	*	.10													
CHICAGO CAL TREAT WKS		.03	.07	.05	.01	.02				.01				.01										.06		.26
CHICAGO LOYOLA UNIV		.07	.03																				.03			.13
CHICAGO N BRA PUMP STA		.06	.04			.01																	.02			.13
CHICAGO SAN DIST DISPAT		.03	.02	.02		.01																	.04			.12
CHICAGO SAN DIST OFF		.04	.04	.02		.01						.01											.04			.16
CHICAGO UNIVERSITY		.03	.01	.02	.01	.01																	.09			.17
CHICAGO WB AIRPORT		.03	.01	.02	.01		.01																.07			.15
CHICAGO WB CITY		.02	.06	.01	.01	.01	.01																.04	.02		.18
CISNE BROWN CAMP					.02	.01	.01		.01																	.05
CRETE		.01	.13	.18						.02	.01	.01	.01	.02	.01	.02								.10		.52
DANVILLE HOSPITAL		.01	.07	.06						.01																.15
DIONA		.07	.16	.02	.01	.02																				.28
DOUGLAS		.10	.25	.14	.04	.07										.03	.02									.65
DOWNS 2 NE		.03	.02	.15	.13																			.08		.41
DWIGHT		.22	.21	.07	.08	.02																		.07		.67
EFFINGHAM CAA	//		.01																							.01
EVANSTON PUMP STA		.03	.05													.01							.03			.12
FAIRBURY WATER WORKS	//	.47	.29	.11	.15	.15			.05		.01	.01	.01	.02										.01		1.28
FARMER CITY			.02	.13																						.15

See reference notes following Station Index.

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FREEPORT SEWAGE PLANT				.03						.01	.03	.01														.08
FULTON DAM 13		.03	.02			.03		.02															.03	.02		.15
GALATIA		.03	.02	.03																						.08
GLENDALE EXP FARM		.02	.01		.06	.15					.02	.02	.02													.30
GREENFIELD		.02									.02	.01														.05
HOOPESTON		.21	.10	.01	.01	.03	.04	.01	.01	.01																.43
HUTSONVILLE	//		.02	.02	.11	.01																				.16
ILLINOIS CITY DAM 16								.03	.02																	.05
JACKSONVILLE SEWAGE PL		.03	.01	.01																						.05
JOLIET WB AIRPORT	6	*	*	*	*	*	.12	*	*	*	*	*	.04							*	*	*	*	*	.01	
KANKAKEE SEWAGE PLANT		.03	.16	.09	.05	.08				.01		.01		.01	.01											.45
KEWANEE BAKER PARK		.02	.05							.03	.02		.02	.03											.02	.19
LANARK		.04	.02								.04		.01											.01	.03	.15
LOCKPORT POWER HOUSE		.03	.03	.06		.02				.03													.02			.19
MARIETTA		.10	.09	.05	.01	.02			.01					.02												.30
MASON CITY			.05	.05	.04		.01																			.15
MC HENRY		.05														.01	.02		.01	.01						.10
MOLINE WB AIRPORT	//	.01	.02																				.10	.12	.09	.34
MT CARMEL WATER WORKS		.05	.02	.05																						.12
MURPHYSBORO WATER WORKS	//	-	-	-	-	-																				-
OREGON		.02	.01															.01	.01					.10	.15	.30
PEORIA LOCK AND DAM	//	.15	.15	.13			.02																			.45
PEORIA WB AIRPORT		.22	.19	.11	.06	.02																				.60
PITTSFIELD WATER WORKS		.03																								.03
PRINCETON 1 S	//	.03	.05	.02	.04																					.14
PROPHETSTOWN		.02	.03	.02	.03																			.20	.08	.38
RANTOUL CHANUTE AF BASE	//	.17		.03																						.20
ROCKFORD CAA	6	*	*	*	*	*	.07	*	*	*	*	*	.03							*	*	*	*	*	.12	
SKOKIE N S TREAT WKS		.04	.05																				.03			.12
SPRINGFIELD WB AIRPORT	//		.01																							.01
SPRINGFIELD WB CITY		.01	.05																							.06
STICKNEY W SIDE TREAT		.04	.01	.02		.01																	.12			.20
URBANA EXP FARM		.06																								.06
WASHINGTON		.18	.22	.14	.04	.01	.01							.04	.01											.65
WATERMAN	//		.02	.01	.01	.01																				.05
WENONA		.13	.11	.06	.04							.01	.05													.40
														—25th—												
BEARDSTOWN LAGRANGE DAM	//																.65	.04	.01							.70
BELLEVILLE SCOTT AF BSE	//																			.20	.55	.02	.03	.02		.82
BELVIDERE SEWAGE PLANT		.07	.08	.07	.12	.06	.12	.05	.18	.02						.01	.17	.07								1.02
BRADFORD CAA	6													*	*	*	*	*	.43							
CHICAGO CAL TREAT WKS																			.04	.24						.28
CHICAGO LOYOLA UNIV																			.37	.04						.41
CHICAGO N BRA PUMP STA																			.35	.05						.40
CHICAGO SAN DIST DISPAT																			.33	.08						.41
CHICAGO SAN DIST OFF																			.17	.09	.01					.27
CHICAGO UNIVERSITY																			.07	.50						.57
CHICAGO WB AIRPORT																			.58	.04	.01					.63
CHICAGO WB CITY																			.40	.06						.46
CISNE BROWN CAMP																								.70	.20	.90
COLLINSVILLE																				.27	.18	.02				.47
COULTERVILLE																						.35	.68	.15	.02	1.20
CRETE																			.03	.27	.03					.33
DANVILLE HOSPITAL																.01					.32	.13	.15			.61
DIONA															.02	.02	.01				.45	.50	.11	.06	.04	1.21
DOUGLAS															.05		.25									.30
DOWNS 2 NE										.02									.93	.10						1.05
DWIGHT																		.01	.60	.02						.63
EFFINGHAM CAA	//																				.17	.35	.10	.17	.02	.81
FAIRBURY WATER WORKS	//													.02					.76	.06						.84
FARMER CITY																			.63	.30		.01				.94
FREEPORT SEWAGE PLANT		.01	.08	.08	.07	.12	.16	.06	.06	.04	.04					.02	.07	.02				.01				.84
FULTON DAM 13				.08	.12	.15	.09	.06	.10					.03	.01	.06	.05									.75
GALATIA																									.56	.56
GOLCONDA DAM 51																									*	*
GREENFIELD																		.16	.09							.25
HOOPESTON																				.45	.32	.08	.07			.90
HUTSONVILLE	//																							.83	.29	1.12
ILLINOIS CITY DAM 16				.03	.02	.05							.03	.02	.05	.18	.02	.05								.45
JACKSONVILLE SEWAGE PL																		.32	.06							.38
JOLIET WB AIRPORT	6													*	*	*	*	*	.56							
KANKAKEE SEWAGE PLANT																			.41	.20	.01					.62
KEWANEE BAKER PARK		.06								.01	.01				.03	.05	.22									.38
LANARK		.01	.02	.03	.04	.14	.17	.07	.07							.05	.10	.05								.75
LOCKPORT LOCK AND DAM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
LOCKPORT POWER HOUSE																			.47	.01						.48
LOUISVILLE																						.50	.61	.24	.16	1.51
MARIETTA																.05	.02									.07
MASON CITY																		.19	.01							.20
MC HENRY		.15	.04	.11	.24	.09	.02		.02	.02							.02	.34	.03							1.08
MOLINE WB AIRPORT	//		.02	.02	.33	.21	.22	.03		.02							.11									.96
MORRISONVILLE																		.03	1.19	.03	.10	.07				1.42
MT CARMEL WATER WORKS																									.40	.40
MURPHYSBORO WATER WORKS	//																					.05		.63	.55	1.23
OREGON		.05	.05	.17	.03	.20	.05	.15									.15									.85
PEORIA LOCK AND DAM	//												.02	.02	.01		.25	.12								.42
PEORIA WB AIRPORT																	.12	.16	.01							.29
PITTSFIELD WATER WORKS										.01	.01	.02	.01			.17	.25	.05								.52
PRAIRIE DU ROCHER W WKS																					.20	.79	.31	.05		1.35
PRINCETON 1 S	//	.05																.20	.04							.29
PROPHETSTOWN		.01	.05	.06	.13	.04	.08	.05		.04			.01			.02	.13									.62
QUINCY CAA	6													*	*	*	*	*	.34							
QUINCY DAM 21														*	*	*	*	*	*	*	*	*	*	*	.02	.02
RANTOUL CHANUTE AF BASE	//												-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW																						.27	.33	.30	.04	.94
ROCKFORD CAA	6	*	*	*	*	*	.56	*	*	*	*	*	.19	*	*	*	*	*	.23							
SKOKIE N S TREAT WKS										.01									.44	.04						.49
SPRINGFIELD WB AIRPORT	//																	.43	.29	.01	.02	.02				.77
SPRINGFIELD WB CITY																		.36	.41	.03	.01	.01		.01		.83
STICKNEY W SIDE TREAT																			.31	.03	.01					.35
SULLIVAN WATER WORKS	/																			.03	1.33	.29	.28			1.90
URBANA EXP FARM																				.31	.25	.18	.07		.02	.83
VANDALIA																					.55	.30	*	*	*	*
WASHINGTON																		.32								.32
WATERMAN	//		.13	.01	.01													.40	.04							.59
WENONA																		.60								.60
														—26th—												
BELLEVILLE SCOTT AF BSE	//	.01	.02																							.03
CAIRO WB CITY		.16	.39	.50	.15	.05	.04		.11	.05	.07	.02	.07	.03	.03	.03	.03	.01								1.74
CISNE BROWN CAMP		.19	.26	.05	.10	.08	.04	.01																		.73
COULTERVILLE		.05	.03	.12	.15	.10	.05																			.50
DIONA					.02																					.02
EFFINGHAM CAA	//		.01	.03																						.04

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GALATIA		.59	.27	.20	.05	.10	.07	.13	.05	.03	.02															1.51
GLENDALE EXP FARM		.19	.40	.40	.23	.13	.02		.05	.04	.04			*	*	*	*	*	*	*	.14					1.64
GOLCONDA DAM 51			*	*	*	*	*	*	*	*	*	*	*	.95												.95
HOOPESTON				.04	.01																					.05
HUTSONVILLE	//	.24	.22	.19	.09	.12	.04	.01	.05																	.96
LOUISVILLE		.25	.10	.08	.09	.04	.01																			.57
MT CARMEL WATER WORKS		.48	.27	.29	.14	.02	.15	.03	.12	.05																1.55
MURPHYSBORO WATER WORKS	//	.27	.19	.06	.09	.16	.13	.04	.07																	1.01
PRAIRIE DU ROCHER W WKS		*	*	*	*	*	.50																			.50
RICHVIEW		.11	.11	.06	.13	.07	.02																			.50
URBANA EXP FARM		.01																								.01
VANDALIA		*	*	*	*	*	.55																			1.40
														—28th—												
CAIRO WB CITY																							.01			.01
EVANSTON PUMP STA									.01										.37	.04						.42
HUTSONVILLE	//																								.02	.02
														—29th—												
CISNE BROWN CAMP		*	*	*	*	*	*	*	*	*	*	*	.05													.05
DANVILLE HOSPITAL								.01	.06																	.07
DIONA																	.03									.03
DOUGLAS							-	-	-	-	-	-	-	-	-	-	-	-								-
DOWNS 2 NE			.05																							.05
FAIRBURY WATER WORKS	//		.02																							.02
FARMER CITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GALATIA				.01	.01	.02	.01																			.05
GLENDALE EXP FARM										*	*	*	*	*	*	*	*	*	*	*	*	*	.05			.05
GOLCONDA DAM 51				.02	.02	.01								.20												.25
GREENFIELD							.01	.03																		.04
HOOPESTON		*	*	*	*	*	*	*	*	*	*	*	.03													.03
HUTSONVILLE	//		.02	.01																						.03
MT CARMEL WATER WORKS		.02	.02	.01					.02																	.07
PEORIA LOCK AND DAM	//									*	*	*	*	.04												.04
PEORIA WB AIRPORT							.01	.01	.01	.01																.04
PRAIRIE DU ROCHER W WKS		.02																								.02
RANTOUL CHANUTE AF BASE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPRINGFIELD WB AIRPORT	//					.01	.01					.01														.03
SPRINGFIELD WB CITY						.02	.02																			.04
URBANA EXP FARM								.01	.05																	.06
														—30th—												
AUGUSTA HIGH SCHOOL										.02	.03															.05
BEARDSTOWN LAGRANGE DAM	//																								.04	.04
BELLEVILLE SCOTT AF BSE	//														.05	.03	.04	.03								.15
BELVIDERE SEWAGE PLANT																						.05				.05
BRADFORD CAA	6													*	*	*	*	*	.03	*	*	*	*	*	.04	
CAIRO WB CITY		.02	.02	.02	.01										.02	.03	.03		.10	.15	.14	.10				.64
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY																							.01	.01	.01	.03
CHICAGO WB AIRPORT											.01												.01	.01	.02	.05
CHICAGO WB CITY									.01											.01	.01	.01	.02			.06
CISNE BROWN CAMP																.02	.03	.05	.02							.12
COLLINSVILLE													.03	.05	.02	.04	.04									.18
COULTERVILLE														.05	.05	.14	.04	.01								.29
CHETE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DANVILLE HOSPITAL																	.01	.02	.01			.01				.05
DIONA												.04	.01													.05
DOUGLAS																					.03	.01	.01		.01	.06
DOWNS 2 NE																					.06					.06
DWIGHT															.02	.01						.03				.06
EFFINGHAM CAA	//													.02	.06											.08
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//														.03	.02	.03			.01	.01	.02	.01			.13
FARMER CITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.04	.04
FREEPORT SEWAGE PLANT																*	*	*	*	*	*	*	*	*	.03	.03
FULTON DAM 13													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GALATIA														.02		.05	.19	.15	.11	.10	.02					.64
GLENDALE EXP FARM																		.25	.20	.06	.02	.01	*	*	.44	.98
GOLCONDA DAM 51													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENFIELD																		.02	.01							.03
HOOPESTON																					.03	.02				.05
HUTSONVILLE	//																	.05	.02							.07
ILLINOIS CITY DAM 16														*	*	*	*	*	*	*	*	*	*	*	.09	.09
JOLIET WB AIRPORT	6																			*	*	*	*	*	.10	
KANKAKEE SEWAGE PLANT														*	*	*	*	*	*	*	*	*	*	*	.02	.02
KEWANEE BAKER PARK								.04	.01		.03	.02	.02	.02	.01											.15
LAMARE																			.02	.02	.03		.02	.02	.02	.13
LOCKPORT LOCK AND DAM																						.03	.01	.01		.05
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE																.04	.06	.05	.03							.18
MARIETTA													.01	.02							.02	.01	.02			.08
MASON CITY																					.05					.05
MC HENRY																				.01		.01	.04	.01	.03	.10
MOLINE WB AIRPORT	//														.01	.01	.01	.01	.01	.01		.01	.01			.08
MORRISONVILLE																	.04									.04
MT CARMEL WATER WORKS																.03	.06	.06	.05	.04	.01					.25
MURPHYSBORO WATER WORKS	//													.03	.02	.10	.10	.10	.05	.05						.45
OREGON														*	*	*	*	*	*	*	*	*	*	*	.05	.05
PEORIA LOCK AND DAM	//													.04	.01		.02	.01	.01		.01					.10
PEORIA WB AIRPORT												.01	.01	.01	.01	.01	.01	.01		.01	.02	.02	.01			.13
PRAIRIE DU ROCHER W WKS													.07	.05	.13	.25	.09									.59
PRINCETON 1 S	//															.03	.02	.03	.01			.03				.12
PROPHETSTOWN																	.02	.01						.01		.04
QUINCY DAM 21																				*	*	*	*	*	.02	.02
RANTOUL CHANUTE AF BASE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW														.08	.02	.08	.05	.04			.02		.01			.30
ROCKFORD CAA	6													*	*	*	*	*	.03	*	*	*	*	*	.09	
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	.02
SPRINGFIELD WB CITY																				.01					.01	.02
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//																	.05	.02							.07
VANDALIA																	.06	.04								.10
WASHINGTON																	.03			.01	.01	.02	.01	.01	.01	.10
WATERMAN	//																				.01	.01		.01		.03
WENONA																	.03	.01	.01	.02	.02	.01				.10

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													—31st—													
BRADFORD CAA	6	•	•	•	•	•	.02																			
CAIRO WB CITY													.06	.06	.02	.02	.03	.12	.13	.10	.12	.20	.08	.08	.10	1.12
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY		.01	.01	.01																						.03
CHICAGO WB AIRPORT		.02	.01																							.03
CHICAGO WB CITY		.02	.01																							.03
CISNE BROWN CAMP																						.03	.05	.02		.10
COLLINSVILLE										.01	.01															.02
COULTERVILLE																						.02				.02
CRETE		•	•	•	•	•	.15																			.15
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREEPORT SEWAGE PLANT		.01																								.01
GALATIA																						.03	.01	.04	.02	.10
GLENDALE EXP FARM														*	*	*	*	*	*	*	*	*	*	*	.66	.66
GOLCONDA DAM 51		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUTSONVILLE	//																							.02		.02
JOLIET WB AIRPORT	6	•	•	•	•	•	.04																			
LANARK		.01																								.01
LOCKPORT LOCK AND DAM		.03																								.03
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE																							.02			.02
MASON CITY											.02	.01														.03
MC HENRY		.02																								.02
MT CARMEL WATER WORKS																						.03	.07	.09	.06	.25
MURPHYSBORO WATER WORKS	//																	.02		.01	.02	.03	.07	.05		.20
PEORIA LOCK AND DAM	//		.01	.01																						.02
PRAIRIE DU ROCHER W WKS																							.03			.03
RICHVIEW																							.01	.03		.04
ROCKFORD CAA	6	•	•	•	•	•	.01																			
SKOKIE N S TREAT WKS		•	•	•	•	•	•	•	•	•	•	•	.01													.01
SPRINGFIELD WB AIRPORT	//					.01																				.01
SPRINGFIELD WB CITY		.01																								.01
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATERMAN	//		.02	.01	.01	.01																				.05

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MIX	49	56	57	16	20	27	30	44	47	50	36	39	49	45	48	27	43	36	30	39	35	38	39	65	67	33	30	48	41	13	23	39.4
	MIN	42	45	14	1	00	14	14	17	31	18	11	30	36	10	13	4	18	6	5	13	26	29	33	32	30	2	6	25	9	4	11	17.7
ALTON DAM 26	MAX	56	60	61	31	22	28	42	40	51	55	35	48	62	43	62	35	46	41	33	39	49	49	64	72	72	64	38	50	50	24	26	46.7
	MIN	43	47	29	10	10	20	20	23	36	28	22	33	32	25	18	15	26	17	17	17	27	28	40	48	30	16	14	25	19	17	23	25.0
ANNA	MAX	53	60	67	66	24	30	39	43	48	60	42	50	65	56	65	51	45	49	31	42	46	55	60	70	73	72	41	50	52	30	30	50.8
	MIN	47	52	58	16	15	22	16	22	35	41	26	35	48	28	38	20	29	20	20	21	28	41	52	60	64	25	21	28	34	22	26	32.3
ANTIOCH	MAX	44	50	54	35	21	24	24	37	45	49	27	41	42	47	43	20	37	35	18	26	37	36	33	57	61	38	29	41	37	18	30	36.6
	MIN	37	39	34	8	7	15	14	11	31	22	9	24	34	10	15	5	11	- 1	- 7	5	20	31	30	29	33	9	00	20	10	- 2	7	16.5
AURORA COLLEGE	MAX	46	52	59	40	25	27	28	39	45	50	30	40	42	46	48	26	37	36	25	32	40	38	36	61	65	55	31	45	35	21	29	39.6
	MIN	39	42	39	7	5	18	11	16	32	24	11	27	35	12	19	6	16	4	- 1	11	20	34	33	32	35	15	6	21	11	6	12	19.3
BELLEVILLE SCOTT AF	MAX	56	62	69	34	25	27	37	40	55	60	36	50	65	45	67	34	48	48	31	40	47	55	63	75	74	35	38	51	56	26	27	49.2
	MIN	48	52	34	12	12	22	21	24	40	31	26	35	37	28	23	20	30	20	19	21	30	44	44	60	35	22	19	26	21	20	25	29.1
BLOOMINGTON NORMAL	MAX	51	56	60	39	17	27	30	31	43	52	32	41	59	51	56	31	42	40	24	35	45	40	42	68	69	53	33	45	45	20	25	42.5
	MIN	45	51	39	7	7	15	15	18	25	27	18	30	40	17	31	10	22	12	7	15	28	37	36	35	38	15	11	27	19	10	17	23.4
CAIRO WB CITY	MAX	57	64	69	53	31	32	36	44	60	63	47	58	65	51	67	42	50	50	34	42	47	56	64	73	75	71	44	56	55	33	33	52.6
	MIN	50	57	53	20	19	25	23	30	44	39	33	40	51	38	36	28	36	26	26	29	32	47	55	64	65	29	29	36	29	27	31	37.0
CARBONDALE SEWAGE PL	MAX	54	61	68	67	24	30	39	43	50	62	41	50	67	59	64	56	48	50	31	43	47	56	60	72	74	74	41	51	63	28	32	51.8
	MIN	42	53	60	17	15	23	17	20	35	40	27	36	50	29	36	24	30	22	22	24	26	43	50	60	54	24	24	24	33	23	27	32.4
CARLINVILLE 4E	MAX	55	61	63	36	21	26	34	37	50	57	34	46	62	56	64	32	43	45	31	37	47	50	61	73	72	45	37	48	49	24	26	45.9
	MIN	43	41	36	8	8	15	16	18	33	30	20	31	42	30	32	13	23	15	12	13	21	35	38	45	45	15	14	23	18	13	19	24.7
CARLYLE	MAX	54	62	68	44	25	30	36	40	53	59	37	50	61	57	64	36	48	47	32	41	48	55	59	72	73	72	39	50	51	28	28	49.0
	MIN	46	50	41	11	10	21	20	21	32	31	25	32	45	25	33	17	26	17	16	20	29	39	48	50	54	20	19	26	22	18	23	28.6
CHARLESTON	MAX	51	57	65	56			39	54	59	36	45	64	56	66			46	44	30	36	47	48	48	69	69	69	38	46	53	28	27	49.9
	MIN	44	49	55	11	10	21	18	18	31	34	22	31	44	26	33	15	24	18	14	16	28	38	43	47	64	24	17	25	25	18	22	28.5
CHICAGO UNIVERSITY	MAX	48	59	60	26	25	30	28	35	47	52	32	43	50	30	45	22	42	36	24	31	41	39	37	64	67	38	30	42	40	20	30	39.1
	MIN	45	47	26	10	12	25	19	20	35	21	16	32	29	15	12	10	22	4	4	17	28	36	34	33	38	14	10	26	12	10	20	22.0
CHICAGO WB AIRPORT	MAX	48	58	60	24	27	30	27	37	45	52	31	44	51	29	49	25	41	30	24	31	41	37	36	63	67	34	33	44	33	21	29	38.9
	MIN	43	46	24	9	10	19	17	17	34	19	14	31	28	15	10	8	17	1	1	11	25	35	34	33	33	11	8	25	9	6	20	19.8
CHICAGO WB CITY	MAX	50	59	60	26	28	32	28	36	47	53	34	45	51	37	49	25	43	33	25	32	41	39	39	64	67	39	30	44	41	22	29	40.3
	MIN	45	47	26	11	12	24	21	23	36	23	16	34	30	30	13	10	25	6	6	18	30	37	34	34	39	14	11	28	11	8	22	23.4
CICERO	MAX	49	53	59	37	27	30	29	38	47	52	31	43	49	50	48	25	41	37	26	30	40	39	38	63	65	53	33	44	39	21	31	40.9
	MIN	43	46	36	9	9	25	17	18	31	24	13	30	39	14	19	8	18	4	00	12	25	35	34	33	39	16	7	24	14	6	20	21.5
DANVILLE	MAX	50	57	60	46	24	31	32	34	49	58	33	45	63	55	59	31	46	42	27	35	47	45	46	68	70	69	34	46	49	26	28	45.3
	MIN	44	45	46	11	11	23	19	14	29	28	20	32	42	23	21	15	20	14	11	14	28	37	38	39	43	23	17	22	22	18	21	25.5
DECATUR	MAX	52	59	59	33	22	27	33	39	47	52	34	43	62	55	61	34	46	40	27	39	47	45	45	71	71	47	36	47	42	23	27	44.1
	MIN	46	49	33	8	8	22	17	20	32	29	21	32	43	21	26	12	24	14	12	16	29	38	32	38	45	16	15	26	20	14	20	25.3
DIXON	MAX	47	52	57	26	21	29	29	41	45	48	31	39	45	47	46	25	37	36	25	34	41	37	35	61	60	35	33	46	39	14	25	38.3
	MIN	41	43	26	3	1	13	14	13	30	20	8	28	35	8	12	4	14	3	- 4	9	19	31	32	31	32	8	1	23	13	1	7	16.8
DU QUOIN	MAX	55	61	67	59	25	28	36	42	51	60	40	50	66	65	65	51	47	44	31	41	48	55	61	70	73	72	40	51	58	31	30	50.7
	MIN	48	53	52	15	14	21	24	23	34	40	26	35	29	28	38	21	29	22	21	22	21	36	46	60	65	25	21	26	26	22	26	31.4
EAST ST LOUIS	MAX	53	64	70	40	22	30	40	43	55	62	46	50	68	58	68	35	51	50	31	41	49	55	62	76	75	51	40	53	54	25	28	49.5
	MIN	45	49	40	11	11	20	20	24	35	36	27	35	48	27	34	19	29	18	19	22	30	40	45	57	51	21	18	27	23	20	24	29.8
EFFINGHAM CAA	MAX	52	61	66	40	29	30	35	38	56	60	34	51	64	42	66	32	46	44	31	38	49	49	63	69	72	40	37	50	55	27	27	46.9
	MIN	45	50	40	11	12	20	19	21	35	28	24	33	35	25	20	17	26	17	16	18	26	40	47	57	40	21	20	25	21	18	23	27.5
ELIZABETHTOWN	MAX	51	58	66	64	24	31	33	46	52	61	44	51	66	56	65	54	50	52	34	43	49	52	61	72	74	72	49	53	68	30	31	52.0
	MIN	37	51	58	24	18	24	18	23	35	44	28	36	50	32	38	23	30	24	24	24	30	39	51	59	65	29	28	30	30	25	28	34.0
FAIRFIELD	MAX	53	60	68	58	28	36	36	41	54	60	40	51	65	58	66	49	48	50	31	39	50	55	61	70	72	70	42	50	60	31	30	51.0
	MIN	47	50	58	19	15	20	18	21	30	38	25	35	35	29	36	18		21	20	19	27	40			65	26	21	27	28	21	27	29.9
FLORA	MAX	53	59	68	58	32	32	37	41	54	60	40	52	66	59	61	50	50	43	32	40	48	54	59	71	73	71	40	50	60	30	29	50.7
	MIN	46	51	58	16	14	19	20	21	31	39	24	33	49	28	32	19	20	21	19	19	28	38	50	51	65	26	20	25	28	21	26	30.9

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FREEPORT	MAX	45	52	52	19	19	27	26	40	45	47	30	38	46	45	43	23	36	34	22	30	38	36	34	58	36	33	30	43	36	13	22	35.4
	MIN	35	35	19	3	00	13	13	11	29	18	5	26	34	7	7	2	9	-10	-13	1	15	25	28	29	31	3	- 1	23	6	- 2	-10	12.6
FULTON DAM 13	MAX	46	52	54	24	19	29	28	42	44	49	31	39	42	41	48	25	39	39	25	35	39	42	39	62	57	34	33	45	44	14	19	38.0
	MIN	34	36	23	3	2	14	13	15	32	18	10	29	32	5	18	5	16	3	- 2	11	22	30	30	32	31	4	1	24	12	00	5	16.5
GALESBURG	MAX	50	59	58	13	22	29	31	41	47	46	35	39	50	36	49	29	39	34	30	40	39	40	38	68	65	35	35	47	39	18	26	39.6
	MIN	43	45	13	3	1	14	15	19	32	20	14	28	22	12	9	7	15	6	5	15	28	33	35	33	26	4	4	25	9	6	10	17.8
GALVA	MAX	50	56	60	23	20	29	31	41	45	55	34	37	49	50	49	30	40	36	30	37	42	39	39	58	65	39	34	44	40	20	28	40.6
	MIN	42	44	19	1	1	13	12	14	31	19	12	29	35	11	11	5	16	7	3	12	24	33	32	31	32	5	4	23	9	5	10	17.6
GOLCONDA DAM 51	MAX	52	61	66	51	30	32	42	44	56	61	42	56	64	52	66	50	52	52	32	42	48	53	60	69	70	50	41	55	66	32	32	51.5
	MIN	46	50	51	18	17	19	18	24	37	34	30	38	48	33	36	24	31	22	24	26	31	43	46	59	61	26	25	30	28	25	28	33.2
GREENVILLE	MAX	54	60	66	42	22	28	37	40	52	59	35	49	64	57	65	33	45	44	32	40	48	52	64	72	72	55	34	50	53	26	27	47.6
	MIN	45	50	32	10	10	21	18	21	31	32	23	31	46	25	33	16	26	19	16	17	26	35	45	55	55	20	16	24	22	17	23	28.1
GRIGGSVILLE	MAX	50	60	35	26	18	37	35	44	50	51	35	45	56	55	62	31	46	45	29	40	43	46	48	75	73	39	35	48	44	19	22	43.3
	MIN	43	43	22	3	1	13	16	20	31	24	16	29	39	13	25	5	19	5	10	16	25	32	35	32	31	4	6	21	10	9	14	19.9
HARRISBURG	MAX	53	60	68	55	27	32	40	41	53	60	40	54	67	57	65	51	54	49	30	43	51	56	63	74	76	74	40	53	66	30	32	52.1
	MIN	48	52	54	19	16	25	16	21	30	40	28	35	52	30	38	23	31	24	23	24	26	43	53	60	66	27	24	29	29	24	28	33.5
HAVANA	MAX	51	60	60	25	18	27	32	40	49	52	35	42	54	52	59	27	42	43	26	38	44	50	41	72	71	40	34	47	42	20	28	42.6
	MIN	45	44	23	5	5	17	14	16	32	26	18	30	38	16	20	10	18	10	10	15	25	37	36	35	36	11	10	22	15	11	16	21.5
HENRY	MAX	48	55	57	24	22	29	34	42	47	52	36	40	48	48	47	26	36	36	29	39	44	40	38	65	67	37	37	46	41	16	26	40.4
	MIN	44	44	24	8	3	17	15	18	36	25	15	30	36	13	16	6	16	4	3	12	26	35	34	33	33	10	9	27	14	6	15	20.2
HILLSBORO	MAX	53	60	64	41	21	27	35	39	51	57	34	48	63	56	64	34	44	44	31	39	47	51	61	72	72	70	39	48	51	25	26	47.3
	MIN	45	48	39	10	9	19	15	20	32	32	22	30	46	23	34	15	25	15	15	17	29	37	41	51	64	18	16	24	20	15	21	27.3
HOOPESTON	MAX	49	55	60	30	23	30	29	33	45	56	31	42	62	53	58	30	46	38	26	35	44	42	44	67	69	67	34	44	45	23	29	43.9
	MIN	43	47	50	9	9	22	10	9	28	29	19	29	39	21	29	12	21	13	8	12	25	36	36	35	41	20	14	24	21	15	19	24.0
JACKSONVILLE	MAX	55	60	60	29	19	28	36	42	49	55	35	45	58	54	63	34	45	45	30	40	48	47	45	75	73	42	39	50	45	23	25	45.0
	MIN	45	44	29	8	7	17	15	21	33	29	20	33	42	19	29	10	24	13	13	16	28	35	38	37	30	13	12	27	17	13	19	23.8
JERSEYVILLE	MAX	55	60	61	36	17	27	38	40	50	55	35	46	61	57	64	35	44	43	30	41	46	52	57	74	74	73	36	49	48	25	25	46.9
	MIN	45	45	36	9	8	16	13	23	34	32	22	31	44	22	35	15	26	15	16	19	28	37	43	43	42	16	14	25	19	15	21	26.1
JOLIET WB AIRPORT	MAX	48	58	59	22	25	27	28	36	46	50	32	40	50	30	46	25	40	29	26	33	41	38	37	63	67	32	32	43	36	22	31	38.5
	MIN	42	45	22	8	9	17	13	13	34	20	13	29	28	15	10	9	14	2	2	12	21	34	33	33	32	12	8	22	9	6	17	18.8
KANKAKEE	MAX	50	54	60	39	24	30	30	34	42	52	31	41	59	52	50	25	42	38	24	32	41	39	38	64	68	52	31	42	42	21	27	41.1
	MIN	42	46	35	9	8	23	17	16	30	26	15	29	38	17	23	10	17	8	4	14	25	35	34	34	39	19	11	24	17	9	17	22.3
KANKAKEE 4 W	MAX	50	52	59	44	23	28	28	34	41	50	31	40	57	52	48	29	40	38	24	32	41	39	37	64	67	65	30	42	41	22	29	41.2
	MIN	42	45	44	8	8	21	16	14	28	27	14	28	36	16	25	9	17	8	3	12	24	34	34	33	38	18	10	23	18	9	17	21.9
KEWANEE	MAX	48	59	56	19	18	25	28	38	44	52	30	34	48	36	46	26	38	26	28	36	41	38	37	64	58	38	32	38		14	26	37.4
	MIN	43	43	18	4	2	17	13	13	31	19	11	30	26	9	10	5	18	4	2	11	25	34	32	31	33	5	4	23	5	4	10	17.3
LA HARPE	MAX	52	58	60	19	19	28	32	43	50	54	37	40		52	54	29	40	39	29	39	38	40	40	70	67	35	35	50	47	26	25	41.6
	MIN	45	44	18	2	2	11	14	19	30	22	15	31		12	16	6	19	9	8	15	28	34	35	33	30	5	5	24	7	12	12	18.8
LA SALLE	MAX	51	56	60	25	23	28	29	40	46	53	33	40	52	52	50	27	39	39	27	36	45	40	38	66	68	41	34	46	42	19	26	41.0
	MIN	44	46	25	7	6	19	18	17	34	24	13	30	37	14	17	8	19	6	3	13	27	35	34	33	36	12	8	25	14	6	16	20.8
LINCOLN	MAX	52	59	61	28	18	27	32	37	44	52	32	40	59	54	61	27	42	42	25	36	44	42	42	70	70	42	34	45	42	21	25	42.1
	MIN	45	44	28	7	8	18	17	20	32	27	19	31	39	19	21	10	22	12	10	16	29	37	37	37	39	15	13	25	18	12	20	23.5
MARENGO	MAX	46	51	55	31	24	25	25	37	48	48	29	40	47	47	44	23	36	34	23	29	38	35	33	58	62	38	30	42	35	15	30	37.4
	MIN	36	41	31	7	2	14	14	8	30	18	8	23	34	6	9	3	11	- 7	-11	2	18	30	31	30	33	10	- 1	23	8	- 1	2	14.8
MATTOON	MAX	51	60	63	37	27	28	31	35	55	59	33	48	62	40	62	29	43	43	28	35	45	47	57	69	70	40	36	49	49	25	26	44.6
	MIN	45	49	37	10	8	22	20	20	35	27	24	32	35	25	18	17	26	14	13	16	27	37	42	57	40	21	25	27	19	17	21	26.6
MC LEANSBORO	MAX	54	60	68	50	26	30	37	41	51	61	40	53	67	59	64	52	50	50	31	40	50	57	60	72	74	71	42	52	64	34	33	51.7
	MIN	47	47	48	18	15	16	18	20	32	40	25	36	35	29	34	19	28	22	21	21	28	42	52	58	66	27	22	26	28	22	27	31.3
MINONK	MAX	51	52	57	33	18	27					42	46	45	50	31	38	35	24	34	44	39	37	66	68	26	34	44	38	22	29	39.6
	MIN	35	40	33	6	6	15	12	15	31	26	15	31	35	15	15	7	19	11	5	12	22	32	35	33	37	13	8	23	12	3	8	19.7
MOLINE WB AIRPORT	MAX	49	55	55	9	19	26	28	43	47	51	34	40	50	37	49	26	40	11	27	37	38	43	38	65	35	15	33	47	35	13	20	36.1
	MIN	41	42	9	2	1	17	15	17	32	17	11	31	17	10	7	6	11	4	4	12	26	35	32	33	13	2	3	25	4	3	6	15.7
MONMOUTH AIRPORT	MAX	52	59	59	19	18	26	29	42	45	52	34	39	52	50	49	28	39	39	28	39	38	39	39	68	62	34	34	48	41	12	24	39.9
	MIN	43	44	18	1	00	12	14	13	34	19	11	29	30	11	16	6	17	7	8	12	28	34	33	32	30	3	3	24	11	5	10	18.0
MORRIS 3 NE	MAX	49	53	60	49	23	28	28	38	43	51	32	40	44	50	48	26	39	38	21	34	40	40	39	64	68	67	32	44	40	22	29	41.3
	MIN	42	45	38	9	7	17	15	12	30	27	12	26	35	15	25	8	15	8	2	11	25	34	33	33	36	15	9	24	16	6	16	20.8
MORRISON	MAX	45	53	56	16	20	28	28	42	46	49	32	39	45	47	46	26	38	36	26	35	41	39	37	59	57	35	33	46	38	13	22	37.8
	MIN	38	41	16	1	00	13	13	14	28	19	9	28	35	8	12	3	17	- 2	- 6	8	20	30	32	31	32	4	00	22	10	00	5	15.5
MORRISONVILLE 1 E	MAX	53	60	63	38	22	28	33	36	49	57	34	45	63	55	64	33	43	43	30	37	46	47	54	71	71	70	36	46	49	25	26	46.0
	MIN	45	46	38	8	8	22	15	20	33	31	22	31	43	22	33	14	25	15	14	18	29	36	41	42	63	17	15	25	21	15	21	26.7
MT CARMEL	MAX	52	58	66	56	30	33	36	40	52	60	40	51	60	60	60	55	50	48	32	40	50	52	60	70	72	70	41	52	64	32	32	50.8
	MIN	46	50	50	18	15	17	17	22	30	38	25	35	48	20	36	20	29	22	20	22	28	40	48	55	63	28	25	23	32	23	26	31.8
MOUNT CARROLL	MAX	45	52	54	20	19	28	27	42	46	49	31	38	46	40	44	24	37	35	24	32	39	42	35	57	50	34	31	45	39	10	21	36.8
	MIN	38	37	20	2	00	13	15	10	31	18	6	27	35	7	9	3	12	00	- 8	7	18	23	30	30	31	3	00	24	9	00	- 3	14.4
MT VERNON	MAX	55	60	67	50	27	33	37	41	54	58	37	50	63	58	66	41	48	48	32	41	49	56	60	71	74	71	41	52	60	30	29	50.3
	MIN	44	49	50	11	8	20	13	18	30	30	20	30	45	23	33	14	25	18	15	18	25	35	45	55	62	21	17	22	23	18	22	27.7
NEW BURNSIDE	MAX	53	60	67	55	26	33	37	43	53	62	41	53	66	56	65	44	49	51	31	41	48	55	62	73	74	73	40	52	64	32	33	51.4
	MIN	47	51	53	16	15	24	15	20	33	36	24	35	50	28	36	19	27	20	21	19	25	41	52	58	65	25	22	23	27	22	27	31.5
NEWTON	MAX	57	55	58	37	26	30	34	40	48	46	35	45	54	56	63	37	48	42	30	41	50	51	52	71	72	48	39	50	45	26	30	46.1
	MIN	48	41	34	19	18	25	19	22	33	34	25	32	45	25	29	15	26	17	16	20	30	39	40	45	48	20	19	29	25	18	22	28.3
OLNEY RADIO STA	MAX	53	58	67	58	26	32	35	40	53	60	39	48	64	57	65	52	48	48	33	40	48	52	59	71	72	69	40	49	60	30	29	50.2
	MIN	48	51	58	17	16	19	18	20	33	39	24	33	44	29	34	19	26	21	20	19	27	39	50	56	56	27	21	23	28	22	26	31.1
OTTAWA	MAX	49	55	59	29	25	28	31	39	45	52	32	40	49	49	49	28	38	38	28	35	44	39	39	66	67	43	34	45	40	20	28	40.7
	MIN	43	46	29	7	7	18	16	16	33	25	14	29	37	14	17	8	17	6	4	13	25	34	34	34	34	13	9	25	15	7	18	20.9
PALESTINE	MAX	51	58	66	54	29	32	36	38	53	60	36	50	63	57	63	34	49	48	32	39	50	50	57	70	72	69	39	50	50	30	30	48.9
	MIN	45	49	52	15	14	27	23	23	32	31	25	34	34	29	32	28	28	20	18	20	27	42	49	57	54	27	21	27	24	22	27	31.2
PANA	MAX	54	61	65	39	22	28	33	37	53	55	35	45	63	56	65	31	47	43	29	38	47	49	61	72	74	50	38	46	52	25	28	46.5
	MIN	44	47	37	8	8	19	15	18	30	30	19	30	42	22	28	13	22	15	13	15	27	36	42	45	47	18	14	23	20	15	20	25.2
PARIS WATER WORKS	MAX	49	58	65	52	26	32	32	35	52	60	34	45	65	57	63	34	42	43	28	35	42	48	52	69	71	70	37	44	54	26	26	46.6
	MIN	44	48	51	14	12	25	15	17	31	31	22	32	44	26	31	15	22	17	14	15	28	38	40	45	63	25	18	24	24	19	22	28.1
PEORIA WB AIRPORT	MAX	48	60	58	16	19	26	30	38	47	52	35	40	52	37	53	27	40	21	27	36	43	40	39	68	68	22	33	45	41	20	27	39.0
	MIN	44	46	16	4	3	13	13	20	32	21	15	33	25	15	10	9	21	7	7	16	25	35	34	35	22	10	8	25	11	9	15	19.3
PONTIAC	MAX	50	56	60	33	20	27	30	36	43	52	32	40	52	52	52	27	39	39	25	34	42	39	38	65	68	50	32	43	41	20	27	40.8
	MIN	43	45	31	6	7	18	16	16	30	26	16	29	35	16	25	10	20	8	5	14	25	35	34	33	37	14	11	19	18	9	17	21.5
QUINCY	MAX	53	60	59	18	19	29	35	45	50	55	35	45	57	38	59	30	41	41	32	41	38	44	44	74	68	50	36	58	50	16	21	42.8
	MIN	47	46	17	3	4	16	20	24	37	24	19	33	34	15	18	10	24	11	13	19	31	37	36	35	29	7	7	27	12	9	15	21.9
QUINCY CAA	MAX	53	61	58	12	17	27	36	43	55	56	34	45	56	37	58	31	44	20	30	41	41	43	44	73	71	17	36	53	39	19	22	41.0
	MIN	42	44	12	3	1	14	15	20	35	19	17	34	23	12	11	7	19	9	10	15	27	37	36	36	15	7	6	23	10	8	13	18.7
RANTOUL CHANUTE AF	MAX	50	59	60	31	23	28	31	34	43	56	32	39	61	34	58	30	44	33	27	34	45	42	44	68	67	36	34	44	45	22	28	41.5
	MIN	44	47	30	8	9	20	16	15	16	26	20	32	32	21	17	13	21	10	9	16	25	37	37	37	39	18	10	22	16	9	20	22.3
ROBERTS 3 N	MAX	50	56	59	43	21	27	30	34	41	51	31	39	60	53	53	31	42	38	24	34	42	40	39	65	67	42	33	42	42	21	25	41.1
	MIN	42	46	42	7	7	20	15	14	27	27	17	28	35	19	27	11	18	9	6	13	25	34	34	34	38	17	13	23	20	10	17	22.4
ROCKFORD	MAX	45	51	54	32	23	27	28	41	46	49	30	40	44	47	45	23	37	37	23	30	39	39	35	58	42	36	31	44	39	15	27	37.3
	MIN	40	41	31	6	2	14	15	13	31	21	8	26	35	5	8	- 2	12	00	- 5	5	19	29	31	31	33	8	00	28	12	- 2	1	16.1
ROCKFORD CAA	MAX	45	54	53	17	22	28	25	40	45	50	29	39	46	28	44	23	37	14	20	28	38	35	34	59	40	25	30	42	34	12	25	34.2
	MIN	38	39	17	5	3	14	11	14	30	13	8	27	23	9	6	4	14	-12	-12	3	17	27	30	31	25	3	1	24	2	- 2	- 3	13.2
RUSHVILLE	MAX	50	58	58	23	18	29	34	40	48	56	34	42	55	51	60	31	42	40	31	39	41	46	42	73	70	37	37	49	42	19	25	42.6
	MIN	45	44	22	5	3	16	16	18	31	28	11	31	40	17	19	5	24	10	11	18	26	34	38	38	32	14	10	11	25	11	15	21.5
SPARTA	MAX	57	62	69	58	34	30	39	43	52	59	40	50	65	57	67	44	48	48	30	43	48	55	59	72	73	71	41	50	60	27	28	50.6
	MIN	46	46	48	14	12	22	18	20	34	40	23	33	46	26	36	17	26	19	19	19	28	40	48	58	64	24	19	23	24	20	20	30.1

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5–Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SPRINGFIELD WB AIRPORT	MAX	53	60	60	22	21	27	33	37	49	54	34	47	60	37	62	30	41	29	26	36	44	44	45	71	70	27	35	45	42	23	25	41.6
	MIN	45	48	21	8	8	16	17	22	36	24	21	34	28	20	15	12	24	13	12	17	29	38	38	38	27	14	14	27	16	13	20	23.1
SPRINGFIELD WB CITY	MAX	54	61	62	24	21	28	33	37	49	53	34	47	60	38	63	28	44	32	28	37	45	45	48	72	72	28	35	46	43	23	26	42.5
	MIN	46	49	24	9	9	21	23	22	36	28	22	34	30	22	17	13	25	14	13	22	30	40	39	40	28	16	15	28	18	14	22	24.8
STOCKTON	MAX	44	49	51	25	19	27	24	41	43	47	29	36	40	43	42	22	35	34	21	30	35	35	33	54	54	32	28	41	39	8	18	34.8
	MIN	34	37	25	00	- 2	9	12	9	27	17	1	25	33	4	10	00	9	- 4	-10	2	17	25	25	26	32	- 2	- 3	22	7	- 3	- 6	12.2
SYCAMORE	MAX	42	51	56	25	24	26	26	38	44	48	30	38	47	33	43	25	36	35	23	31	39	35	35	60	62	39	30	42	37	16	17	36.5
	MIN	36	40	24	5	3	4	14	11	28	20	9	26	33	9	9	4	13	- 4	- 6	6	20	30	30	30	32	8	2	21	11	00	10	15.5
TABLE GROVE	MAX	50	58	59	18	18	26	31	41	47	55	35	41	53	40	55	29	40	40	28	38	41	41	41	71	69	31	36	48	42	18	27	40.9
	MIN	45	45	18	2	2	16	15	18	32	24	16	32	38	15	16	8	20	10	8	16	28	34	36	35	31	8	7	25	14	9	14	20.6
TUSCOLA	MAX	51	57	63	50	22	29	36	35	47	58	33	40	62	54	61	36	43	41	30	35	44	45	48	68	69	69	37	44	46	25	27	45.3
	MIN	44	49	50	10	10	22	16	18	30	31	22	31	39	24	30	13	24	16	12	15	27	36	38	40	83	23	17	34	24	17	21	27.0
URBANA	MAX	50	60	60	50	22	29	32	36	45	53	32	40	61	50	59	30	43	39	27	34	44	42	46	68	69	50	34	43	46	23	27	43.4
	MIN	44	47	40	10	9	22	18	19	30	29	21	27	39	22	28	13	23	14	10	16	26	35	38	37	50	23	15	25	20	15	21	25.4
VIRDEN	MAX	53	60	62	34	18	27	35	37	45	54	33	43	61	55	62	30	42	42	30	36	45	46	47	70	71	45	35	45	40	23	25	43.6
	MIN	44	45	34	8	8	15	16	20	34	30	22	31	42	22	28	13	25	15	14	18	27	35	40	39	40	15	14	24	19	13	20	24.8
WALNUT	MAX	49	53	53	26	18	27	27	39	46	50	32	41		40	46	25	38	36	25	36	42	39	38	63	63	38	32	44	40	16	23	38.2
	MIN	41	44	26	4	3	14	11	15	32	20	11	28		10	20	5	18	6	1	11	25	33	33	33	32	8	4	25	15	3	11	18.1
WATSEKA	MAX	49	53	59	45	25	29	28	33	44	54	31	42	61	53	53	30	44	39	24	33	41	40	39	65	67	67	31	42	44	22	28	42.4
	MIN	44	48	45	9	9	24	17	15	30	29	18	29	40	20	26	12	20	11	7	14	27	37	36	36	41	21	14	24	21	13	18	24.4
WAUKEGAN	MAX	46	53	56	34	25	24	27	38	46	50	31	41	49	47	45	22	40	33	20	28	38	38	35	61	64	40	31	43	38	20	29	38.5
	MIN	38	40	34	8	8	15	14	10	31	22	9	20	35	11	15	5	12	3	- 6	5	23	31	31	31	34	10	1	22	10	- 1	13	17.5
WHITE HALL 1 E	MAX	55	59	60	34	18	29	39	41	50	51	36	45	58	57	64	34	44	46	30	38	44	50	50	74	74	47	38	50	48	22	25	45.5
	MIN	44	41	34	9	9	17	16	21	33	29	20	31	42	20	32	12	24	14	14	16	26	34	39	38	39	14	12	24	17	14	20	24.4
WINDSOR	MAX	50	57	64	48	22	29	30	35	51	55	33	44	62	55	62	37	44	42	29	36	45	48	56	68	70	70	37	45	52	24	27	46.0
	MIN	44	48	48	10	9	20	18	18	30	32	21	30	42	24	31	14	24	16	14	16	25	35	41	46	61	20	16	24	24	17	21	27.1

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ANNA	SNOWFALL				0.8	1.0	0.5												T	0.3						T				0.8	0.4
	SN ON GND				1	2	2	2	1	T									T	T							T				1	1
ANTIOCH	SNOWFALL				T		T									T			2.0												T	3.0
	SN ON GND				T	T	T	T	T										2	2	2	T	T	T	T						T	2
AURORA COLLEGE	SNOWFALL				.03	.02										2.6			0.2												0.2	0.8
	SN ON GND	T			T	T	T									T			T												T	1
BELLEVILLE SCOTT AF	SNOWFALL				T	T	0.2																			T					0.8	
	SN ON GND				T		T	T	T										T												T	T
BLOOMINGTON NORMAL	SNOWFALL			T	0.8																									0.3	0.7	
	SN ON GND				1	1	1	1	1	T																				T	1	1
CAIRO WB CITY	SNOWFALL				3.0	1.0	T												0.1								T			T	0.1	
	SN ON GND				T	2	2	2	1	T									T								T				T	
CARLINVILLE 4 E	SNOWFALL				-	-	0.1																			T	T				0.5	T
	SN ON GND				2	2	2	2	1																						1	T
CHICAGO WB AIRPORT	SNOWFALL			T	0.5	T	T									0.4			0.4		T										1.2	0.5
	SN ON GND				1	1	T	T	T										T	T	T										T	2
DANVILLE	SNOWFALL						-																								T	
	SN ON GND				T	T	1	1	2	1																					1	T
DECATUR	SNOWFALL				1.5		T																									
	SN ON GND				2																											
DIXON	SNOWFALL			0.3	T														0.2												1.0	1.0
	SN ON GND				T	T	T	T											T												1	2
EFFINGHAM CAA	SNOWFALL				T		T																				T				T	
	SN ON GND				T	T	T	T	T																						T	T
GALVA	SNOWFALL				0.5																										0.8	1.0
	SN ON GND				1																										1	1
GOLCONDA DAM 51	SNOWFALL					2.0	0.5												T	T										T	T	
	SN ON GND					2	3	2	T											T												
GREENVILLE	SNOWFALL				-	-	-																								T	
	SN ON GND				1	1	1	1	T																						T	T
HARRISBURG	SNOWFALL				T	1.5													T								T				T	
	SN ON GND					2																									T	T
HENRY	SNOWFALL			T	0.2									T																	2.0	T
	SN ON GND			T	T	T	T	T																							2	2
JOLIET WB AIRPORT	SNOWFALL				0.6	T	T									T			T								T				1.0	0.4
	SN ON GND				1	1	1	T	T										T												I	1
KANKAKEE	SNOWFALL				0.5																										0.4	0.5
	SN ON GND				1	1	-	T	T																						T	1
LA HARPE	SNOWFALL			T	0.3											T		T									T				2.2	T
	SN ON GND			T	T																										2	2
LINCOLN	SNOWFALL			T	0.5																										T	T
	SN ON GND			T	1	1	1																							T	T	T
MARENGO	SNOWFALL			0.3															1.0			T	T									2.0
	SN ON GND			T	T	T	T												1	1	1											2
MOLINE WB AIRPORT	SNOWFALL			T	0.4						T			T	T	T			T							T	T				1.3	T
	SN ON GND			T	T	T	T	T								T			T	T							T				1	1
MONMOUTH	SNOWFALL			T	T																										-	-
	SN ON GND				T																										1	2

See reference notes following Station Index.

Table 7 -Continued

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MORRISON	SNOWFALL				T						T					T			0.2	T										T	2.0
	SN ON GND				T														T	T	T									T	2
MORRISONVILLE 1 E	SNOWFALL				T			-	-																		T			-	
	SN ON GND				T			T	T																		T			1	1
MT CARMEL	SNOWFALL					0.5																									
	SN ON GND					1	1	1																							
MT VERNON	SNOWFALL				1.0	T	T																				T				
	SN ON GND				1	1	1																								
OLNEY RADIO STA	SNOWFALL				0.3	0.3	0.3																							T	T	
	SN ON GND					T	T																						T	T	T
OTTAWA	SNOWFALL				0.2						T					T			T							T			0.5		T
	SN ON GND				T	T	T	T	T																				1	1	1
PEORIA WB AIRPORT	SNOWFALL			T	0.6	T										T									T				0.1	1 3	0.1
	SN ON GND				1	T	T	T	T																					T	1	1
PONTIAC	SNOWFALL			T	0.4	T																				T	T			0.5	T
	SN ON GND				T	T	T	T	T	T																					1	1
QUINCY CAA	SNOWFALL			0.2	0.5																					T	T			T	0.1	T
	SN ON GND			T	T	T	T	T	T																					T	T	T
RANTOUL CHANUTE AF	SNOWFALL				T	T	T									T														T	T	
	SN ON GND			T	T	T	T	T	T	T																						T
ROBERTS 3 N	SNOWFALL				1.0																										1.0	
	SN ON GND				1																											
ROCKFORD CAA	SNOWFALL				0.2		T							T	T	T			T												1.8	T
	SN ON GND				T	T	T	T	T										T	T	T	T	T								T	2
SPARTA	SNOWFALL				0.6		0.8	1.0											T								T				0.4	
	SN ON GND				1	1	1																				T				T	T
SPRINGFIELD WB AIRPORT	SNOWFALL			0.3	0.4		T					T			T											T			T	T	T
	SN ON GND			T	1	1	1	1	T	T																					T	T
STOCKTON	SNOWFALL														T	T			1.0												T	2.0
	SN ON GND															T			1	1	1	T		T	T	T					T	2
SYCAMORE	SNOWFALL				0.5											T			0.5												0.4	1.1
	SN ON GND				1	1	1	1	-							T			1	1	T										T	1
TABLE GROVE	SNOWFALL			0.2	1.0											T									T	T			T	1.0	T
	SN ON GND			T	1	1	1	1																						T	1	1
TUSCOLA	SNOWFALL				T		0.1																								1.0	
	SN ON GND						T																								1	
WHITE HALL 1 E	SNOWFALL				T																									T	T	
	SN ON GND				1	1	1	T	T																							

ACKNOWLEDGMENT

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being listed to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

See reference notes following Station Index.

STATION INDEX

Station	Index No	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp	Observation time Precip	Observer	Refer to tables
ALBION	0053	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORK	0082	WARREN	4	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 2 NW	0187	UNION	5	37 28	89 15	529	7P	7P	J BON HARTLINE	2 3 5 7
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5 7
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	7P	7P	PHY'S DEPT AURORA C	2 3 5 7
BARRY	0447	PIKE	1	39 42	91 02	740		5P	GLADYS DUDLEY	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	OTTO O SWOPE	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5 7
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	1	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5 7
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA AP	0873	BUREAU	1	41 13	89 37	795		MID	U S CIVIL AERO ADM	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 [illegible]	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOFLTING	2 3 5 7
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1323	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 4 W	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN IS	1420	GRUNDY	1	41 24	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 41	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	631		7P	ALFRED J COOPER	2 3 5
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAY AIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PLANT	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA F EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5 7
DANVILLE HOSPITAL	2143	VERMILION	7	40 08	87 39	575		MID	LAKEVIEW HOSPITAL	3 4
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 08	87 39	555		7A	BEN BURT	3
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5 7
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5 7
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	WILLARD D STAGGS	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA AP	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 27	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 31	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	ESTALOY M MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5 7
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD F BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 41	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5 7
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 03	380		6A	CORPS OF ENGINEERS	CLOSED
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 53	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5 7
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5 7
HARRISBURG DISPOSAL PL	3884	SALINE	5	37 44	88 31			6A	W HARRISON KIBLER	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L L FLTENFUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	EWALD R TRIMPE	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5 7
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 40	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	6P	6P	EDWIN M PORTER	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5 7
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5 7
KANKAKEE 1 NW	4598	KANKAKEE	1	41 08	87 56	620	6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5 7
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
LEROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5 7
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	513	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5 7
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	GILBERT L WOOD	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL	5380	CLARK	7	39 23	87 42	606		6P	E K ARFORD	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	CHARLES E FLINSPACH	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	CITY OF MINONK	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5 7
MONMOUTH AIRPORT	5768	WARREN	4	40 55	90 38	770	6P	6P	MARTIN AIRWAYS INC	2 3 5 7
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	GRUNDY	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 49	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 3 5 7
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5 7
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5 7
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 35	88 46	560	7P	7P	MISS MAE MC CABE	[illegible] 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY RADIO STATION	6446	RICHLAND	7	38 42	88 04	472	5P	5P	RADIO STATION WVLN	2 3 5 7
OREGON WATER WORKS	6492	OGLE	6	42 01	89 20	700		6P	GLENN S EDELMAN	3
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5 7
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5 7
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 20	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5 7
PRAIRIE DU ROCHER	6973	RANDOLPH	1	38 05	90 06	390		MID	LEWIS TEBEAU	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 40	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA AP	7072	ADAMS	4	39 56	91 11	670	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 24			7A	[illegible] BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 18	88 09	744	MID	MID	US AIR FORCE	2 3 4 5 7
RED BUD	7157	RANDOLPH	2	38 [illegible]	[illegible]	411		[illegible]	[illegible] H L LE SAULNER	3 4
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5 7
ROCHELLE	7349	OGLE	6	41 53	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	[illegible] 3 5
ROCKFORD CAA AP	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE	7603	JASPER	7	38 56	88 01	448		7A	JUDSON E CAMERON	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5 7
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6 7
SPRINGFIELD WB CITY	8184	SANGAMON	[illegible]	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 49	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5 7
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	[illegible]	8P	FRANK C DEAN	2 3 5 7
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5 7
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA	8604	BUREAU	1	41 18	89 30	512		6P	ORVILLE L WEAVER	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5 7
URBANA	8740	CHAMPAIGN	7	40 06	88 13	743	7P	7P	STATE WATER SURVEY	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	CLOSED
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 23	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 46	779		MID	WM RAY CLARKE	[illegible] 4
WATSEKA	9021	IROQUOIS	[illegible]	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	98 35	385		7A	PAUL F NICHOLS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	89 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	3P	OSCAR WATT	[illegible] 3 5 7
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5

NEW STATIONS

Station	Index No	County	Drainage ‡	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables
BLOOMINGTON	0761	MC LEAN	1	40 30	89 01			7A	C C WILLIAMS	3
OREGON	6490	OGLE	6	42 01	89 20	700		MID	GEORGE J LONG	

‡ - DRAINAGE CODE 1 Illinois, 2 Kaskaskia, 3 Lake Michigan, 4 Mississippi, 5 Ohio 6 Rock, 7 Wabash

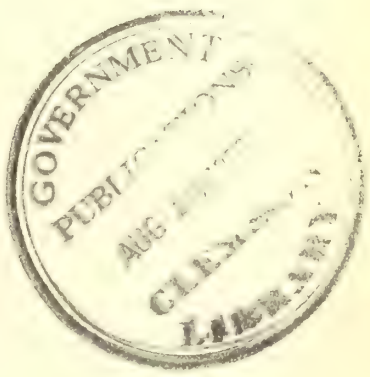
See reference notes following Table 1.

AGRICULTURAL REFERENCE DEPARTMENT
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CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS



FEBRUARY 1950
Volume LV No. 2



KANSAS CITY: 1950

ILLINOIS - FEBRUARY 1950

John J. Keyser, Acting Section Director - Springfield

WEATHER SUMMARY

This month was much wetter than normal over most of the State, continuing the trend which began in December. Precipitation averaged heavier than in any February since 1909, with the greatest amounts being registered in the extreme south. A few northern and west-central localities, however, received somewhat less precipitation than normal. The first half of February was quite mild, but sub-normal temperatures were the rule for most of the remainder of the month. Mean monthly temperatures were a little above the February average, except for some areas in the northern half of the State. Snowfall totaled rather heavy in northeastern Illinois, but many of the southernmost counties received only a trace of snow during February. Flood conditions, which began early in January, continued through most of this month in the extreme south.

The first two days of February were rather cool, but a long spell of mild temperatures began on the 3d and continued until the middle of the month. Most stations recorded their maximum monthly temperatures between the 6th and 13th; Carbondale and Harrisburg each reported 66°, highest for the month, on the 6th. After the 14th daily temperatures generally were below the seasonal normal. The coldest weather of the month, and of the winter for many areas, occurred between the 24th and 27th. Sub-zero temperatures were common in the northern division during that period, extending to much of the central portion on the 26th. The lowest temperature during February, 16° below zero, was registered on the 26th at Morris.

Precipitation was negligible during the first 7 days of February, except for light to moderate rainfall in the extreme south on the 1st-2d. The first state-wide precipitation occurred on the 8th, with precipitation amounts varying from less than 1/10 inch to over 2 inches. On the evening of the 8th lightning damaged two buildings slightly, killed two cows, and disrupted telephone and electric power services in the New Holland area of Logan County. Another lightning strike caused $3,250 damage to a large barn in East St. Louis on the morning of the 9th. Most of the State received its heaviest precipitation of the month between the 12th and 15th, the greatest amounts falling in the southern and eastern portions. On the 13th rain combined with freezing temperatures resulted in heavy glazing in much of the northern division, damage being especially great in the Chicago area.

For the latter half of February the first precipitation period of significance began on the 21st, ending on the 22d in the extreme south, but continuing through the 25th in the north. Precipitation during this period was in the form of rain in the southern division, rain and snow in the central portion, and snow in the north. Precipitation amounts generally were heavy; many northern localities received over 10 inches of snow, while rainfall totaled over 2 inches at several southern stations. On the 28th, as the month closed, light to moderate rain occurred throughout the State.

The severe ice storm which struck much of the northern division on the 13th caused heavy damage to telephone and power lines, especially in the Chicago area. Approximately fifty towns were left without telephone service, and 64,000 homes in Chicago and the suburban area were deprieved of electricity. Three thousand trees were downed or severely damaged in the Chicago city parks alone. Ice-covered streets and highways disrupted transportation, and many minor automobile accidents were reported. Two Chicago persons were killed in accidents due to slippery conditions. Property damage caused by the storm was estimated at $3,500,000.

The winter wheat crop was in fairly good to good condition in northern Illinois, but in the south, weather conditions continued to be unfavorable for wheat. Fields were very wet in the south due to the heavy rainfall of February and preceding months.

FLOODS OF JANUARY-FEBRUARY 1950

Southern Illinois rivers, which reached flood stage early in January, continued high through February. However, there were no reports of additional areas being flooded during this month. Because of the slow recession of flood waters, damage estimates were not complete. In addition to damage reported in the January issue, the Illinois Division of Highways estimated $22,000 damage to highways under its supervision. Estimates of property damage, which are still incomplete, total nearly two million dollars.

G. R. J.

ACKNOWLEDGMENT

In addition to the Climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being listed to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile					Trace	01–09	10–49	50–99	1.00–1.99	2.00 and over	Total			
CAIRO			9.5	34	SE	13					3	3	2	3	1	1	13	46	6.6	629
CHICAGO AIRPORT	WNW	12	10.7	35	NW	28	81	83	69	76	8	5	5	2	0	0	20	44	7.1	1078
JOLIET AIRPORT	W	12	11.2				84	83	71	81	5	5	7	1	0	0	18		7.1	1118
MOLINE AIRPORT	WNW	15	10.1	36	NW	28	79	80	66	74	6	4	5	1	0	0	16	47	6.9	1126
PEORIA AIRPORT	WNW	13	12.0	31	W	18	82	85	71	76	4	4	9	0	0	0	17	46	6.8	1062
SPRINGFIELD AIRPORT	NW	13	12.9	36	NW	28	80	85	73	75	4	6	3	2	0	0	15	42	6.9	963

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	35.8	78	2	2.87	6.1	9
1891	32.1	72	-13	2.87	2.9	8
1892	35.2	72	- 3	2.77	1.9	10
1893	25.3	62	-19	3.03	7.8	8
1894	26.8	64	-14	2.27	7.5	6
1895	19.5	76	-26	0.61	4.1	4
1896	31.0	76	-18	1.89	7.8	6
1897	32.0	73	-12	2.00	6.1	8
1898	31.4	71	-16	2.05	6.6	8
1899	19.9	69	-29	2.16	5.3	6
1900	24.1	70	-19	4.09	14.7	11
1901	22.8	70	-20	1.63	9.8	6
1902	20.7	62	-16	1.27	3.0	6
1903	28.1	68	-19	2.89	8.9	8
1904	23.4	74	-19	1.55	6.0	6
1905	19.2	68	-32	1.62	12.4	7
1906	28.8	76	-15	2.17	5.7	6
1907	30.3	72	-20	0.51	3.8	4
1908	29.4	65	-13	4.48	12.6	8
1909	34.7	71	- 7	4.16	5.9	10
1910	26.2	68	-24	1.93	8.4	6
1911	34.9	78	- 9	2.28	7.2	8
1912	23.4	68	-24	1.83	12.0	6
1913	26.7	72	-18	1.64	6.9	6
1914	22.3	64	-20	2.40	13.2	8
1915	36.7	70	- 1	2.18	0.7	9
1916	27.5	69	-18	0.94	5.1	6
1917	25.1	78	-20	0.50	2.1	4
1918	31.0	80	-24	1.57	2.0	7
1919	33.0	63	1	1.94	5.1	8
1920	30.1	69	-14	0.64	1.2	5
1921	36.7	77	8	0.81	1.6	5
1922	33.1	75	- 4	1.40	0.6	6
1923	26.2	65	-15	1.40	2.7	8
1924	30.7	70	- 6	1.58	6.5	8
1925	36.3	75	- 8	1.88	2.4	7
1926	35.2	71	2	2.49	3.3	8
1927	38.7	76	4	1.46	2.4	6
1928	33.7	67	- 4	2.19	3.2	9
1929	23.7	61	-30	1.20	6.3	7
1930	40.4	82	- 7	2.00	1.4	7
1931	38.0	72	1	1.31	0.2	7
1932	39.0	83	2	1.37	2.3	6
1933	29.5	74	-26	1.45	5.7	6
1934	26.7	74	-28	0.89	7.7	5
1935	34.0	76	-10	1.46	1.8	7
1936	19.2	73	-24	1.87	7.0	8
1937	29.7	71	- 7	1.50	2.9	7
1938	39.0	78	4	2.41	3.2	9
1939	30.4	71	- 3	3.33	6.5	9
1940	30.9	58	-13	1.67	5.8	8
1941	28.1	66	-10	0.76	3.4	6
1942	28.9	65	- 4	3.36	6.8	10
1943	33.9	75	- 9	1.04	1.9	5
1944	33.7	75	-21	2.43	8.5	8
1945	32.7	81	-14	2.50	4.5	8
1946	34.7	70	- 7	2.08	3.9	6
1947	24.7	67	-15	0.19	2.1	3
1948	30.3	72	-14	2.14	6.5	9
1949	31.9	70	-15	2.63	2.6	8
1950	31.3	66	-16	3.87	5.7	10
PERIOD	30.0			1.96	5.3	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station	Temperature						No. of days		Precipitation								
													Snow, Sleet, Hail			No. of days	
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALEDO	26.9	0.4	44	4+	-10	26		26	1.99	.64	.70	13	9.4	7	25+	6	4	
ANTIOCH	24.2	1.1	40	6+	- 7	25		28					3.0	10	24+			
AURORA COLLEGE	25.1	0.0	41	28	- 8	24+		27	2.79	1.23	.71	13	12.4	9	25+	12	5	
CHICAGO HEIGHTS	26.7		43	11	- 5	26		25	4.84	3.19				6	24+	11		
CHICAGO UNIVERSITY	27.7	1.4	42	5+	2	24		25	3.43	1.29	1.17	13				12	4	1
CHICAGO WB AIRPORT	26.3	1.4	42	11	- 2	25		27	3.35	1.25	.94	14	16.6	8	24+	12	4	
CHICAGO WB CITY	28.7	1.2	43	6	3	25		25	3.86	1.76	1.37	13				13	4	1
CICERO	27.6	0.9	44	11+	- 1	25		26	4.16	2.50	1.19	13	16.3	8	24	11	5	2
DIXON	24.8	0.2	43	7	-13	26		27	2.08	.74	.69	13	6.5	4	15+	8	5	
FREEPORT	23.0	0.2	40	7+	- 7	1		28	1.26	.03	.58	13	6.3	5	13	8	2	
FULTON DAM 13	24.8	1.2	42	7+	- 4	26+		27	1.89	.52	.41	13		6	26	10	5	
GALESBURG	26.9		47	4	-11	26		25	2.55	.95	.81	13	12.0	9	26	7	4	
GALVA	26.7	0.8	45	10	-11	26		27	2.37	.87	.62	24	12.9	9	25+	9	4	
HENRY	26.4	-1.3	45	4+	-14	26		26	2.50	.88	.63	13	13.5	9	25+	12	2	
JOLIET WB AIRPORT	24.8	0.0	43	4	-12	25		28	2.84	1.23	.69	13	17.8	12	25	13	5	
KANKAKEE	26.2	-1.1	45	10	- 9	26		29	3.31	1.60	.89	13	12.9	9	25+	12	5	
KANKAKEE 4 W	25.3		44	10	-14	26		27	4.06	2.37	.96	13	17.0	10	25+	12	6	
KEWANEE	25.9	-0.1	42	10	- 8	26		27										
LA SALLE	26.8	-0.4	44	10	- 8	26		26	2.48	.92	.82	13	14.2	T	13+	12	3	
MARENGO	23.7	0.7	43	28	- 6	25		28	1.70	.33	1.02	13	8.0	5	25+	7	3	1
MINONK	26.8	-0.4	41	10+	-15	26		28	3.26	1.63	.86	13		11	25+	9	5	
MOLINE WB AIRPORT	24.7	1.2	43	10	-12	26		26	1.76	.18	.59	13	7.9	5	25	10	3	
MONMOUTH AIRPORT	26.5M	-0.7	45	10	-10	26		27	2.41	.86	.75	8		10	25+	6	4	
MORRIS 3 NE	25.3M	-1.1	42	10	-16	26		27	1.90	.34	.45	13		9	25	11	4	
MORRISON	24.9	-0.2	42	7+	-10	26		27	1.69	.23	.62	13	6.4	5	25+	7	2	
MOUNT CARROLL	23.8	0.3	42	7	- 5	1+		27	1.53	.23	.57	13	8.5	6	25+	9	3	
OTTAWA	26.8	-0.5	45	4	- 9	26		26	2.45	.81	.82	13	17.0	10	25	10	4	
PONTIAC	26.7	-1.9	43	11	- 9	26		27	2.89	1.05	.95	13	13.0	9	25+	11	4	
ROCKFORD	24.9	1.1	42	4+	- 4	24+		27	1.82	.30			8.5					
ROCKFORD CAA	22.6	0.6	40	9+	- 6	25		28	.99	- .54	.40	13	4.8	3	14+	8	1	
STOCKTON	22.0		38	7	- 7	24		28	1.21	- .02	.61	13	5.0	5	25	10	1	
SYCAMORE	23.6M	-0.1	40	9+	- 6	25		28	1.91	.44	.92	13	10.8	6	15	10	2	
WALNUT	25.6	-0.3	43	7+	-11	26		27	2.01	.45	.73	13	8.2	5	25	8	2	
WAUKEGAN	24.9	0.5	41	9+	- 7	25		28	2.24	.82	.89	13	12.6	8	13+	10	3	
DIVISION	25.5	0.2							2.49	.99			10.8					
CENTRAL DIVISION																		
BLOOMINGTON NORMAL	29.1	0.4	45	10+	-12	26		24	3.62	1.87	.93	13	11.0	8	25	14	6	
CARLINVILLE 4 E	33.4	1.0	51	10	5	26		21	2.99	1.03	.85	13	2.7	2	22	9	5	
CHARLESTON	33.4M	1.8	57	13	- 3	26		21	4.71	2.73	2.18	13	1.7	2	25	8	5	1
DANVILLE	30.5	0.6	49	10+	- 4	26		23	4.11	2.29	1.43	13	9.5	5	22	13	6	1
DECATUR	31.6	1.1	52	10	- 5	26		22	3.11	1.14	.73	21	6.6	2	22+	11	6	
EFFINGHAM CAA	33.6	2.7	57	13	5	26		19	4.77	2.63	1.43	12	0.2	T	15+	8	4	1
GRIGGSVILLE	31.8	0.5	52	5	0	26		26	1.61	- .05	.70	13				3	3	
HAVANA	30.2	0.6	47	10	- 3	26		22	2.65	1.03	.91	13	1.0			12	3	
HILLSBORO	34.6	1.8	52	10	6	26		21	4.69	2.71	1.29	8	2.6	1	22	9	4	3
HOOPESTON	28.6	-0.3	49	10	- 9	26		24	3.60	1.53	1.18	13	12.0	4	22	10	7	1
JACKSONVILLE	33.7	3.0	55	10	1	26		21	2.16	.58	.77	13	3.5	4	22	7	3	
JERSEYVILLE	36.2	3.2	57	11	8	26		22	2.66	.72	1.00	21	T			6	4	1
LA HARPE	29.4	1.3	48	10	-10	26		24	1.83	.28	.72	13	4.3	3	24+	10	2	
LINCOLN	30.2	0.4	46	10	- 7	26		22	3.47	1.75	.79	21	7.4	4	22+	12	6	
MATTOON	31.7	1.2	53	13	- 1	26		21	5.30	3.27	1.72	13	3.0	3	25	9	4	2
MORRISONVILLE 1 E	33.1	1.8	51	10	4	26		21	3.46	1.71	1.11	21	1.8	2	22	8	5	1
NEWTON	34.2	1.6	53	10	5	26		20										
PALESTINE	35.5	1.9	60	13	2	26		19	7.58	5.49	1.70	12	1.1	T	1+	10	6	4
PANA	32.9	1.2	52	8	1	26		21	5.71	3.71	1.95	8	4.2	2	22	11	5	2
PARIS WATER WORKS	32.4	2.0	56	13	-11	26		20						3	25			
PEORIA WB AIRPORT	26.9	-0.3	46	4	-10	26		25	2.75	.74	.48	8	10.7	6	25	13	6	
QUINCY	32.6	1.2	52	10	2	26		22	1.74	.14	.58	21	2.3	3	22	8	4	
QUINCY CAA	29.9		51	4+	0	26		28	1.86	.25	.62	21	T	T	1+	10	3	
RANTOUL CHANUTE AF	28.6		48	10	- 6	26		25	3.65	1.99	1.10	21	7.2	2	19+	13	8	1
ROBERTS 3 N	26.6	-1.2	47	10	-11	26		27	4.28	2.61	1.10	13	9.7	7	25	12	6	1
SPRINGFIELD WB AIRPORT	30.5	2.9	50	10	0	26		24	2.25	- .08	.61	21	3.8	2	22	11	4	
SPRINGFIELD WB CITY	32.3	2.8	50	10	2	26		22	2.27	- .06	.84	21				11	3	
TABLE GROVE	29.6	1.1	49	10	- 6	26		22	1.84	.29	.46	13	7.1	4	25+	11	2	
TUSCOLA	31.6		51	10	- 9	26		21	4.75	2.83	1.45	13	7.1	3	22+	10	6	2
URBANA	30.2	1.2	50	10	- 4	26		23	3.71	1.85	1.12	13	7.7	3	22+	12	7	1
VIRDEN	32.7		49	10	3	26		21	2.34	.58	.93	21	0.2	T	1+	6	3	
WATSEKA	27.8		46	10+	-10	26		26	4.74	3.14	.92	14	12.1	5	25+	13	9	
WHITE HALL 1 E	34.9	2.9	59	6	5	26		21	1.17	- .62	.48	21		1	22	7	2	
WINDSOR	32.2	1.1	50	10	- 1	26		24	5.33	3.20	1.68	13	4.5	1	15+	10	5	2
DIVISION	31.6	1.4							3.46	1.57			5.0					
SOUTHERN DIVISION																		
ALTON DAM 26	35.0		56	4	8	26		21	2.75	.72	1.16	13	T	T	15+	12	3	1
ANNA	39.4	2.0	62	8+	13	26		18	6.20	3.27	1.70	12	T	1	1+	10	8	3
CAIRO WB CITY	42.3	3.8	62	8	19	26		14	8.88	5.75	4.75	12	T			10	7	2
CARBONDALE SEWAGE PL	39.9	2.6	66	6	14	3+		18	4.80	2.27	1.64	12				10	6	1
CARLYLE	36.2M	2.2	59	28	7	26		20	6.38	4.22	2.10	13	0.8	T	15+	8	5	3
DU QUOIN	39.1	3.0	65	6	12	26		17	6.56	4.25	2.64	13	T			9	8	2
EAST ST LOUIS	38.3	2.4	58	10	11	26		19	3.47	1.43	1.27	12	T	T	1+	9	3	2
ELIZABETHTOWN	40.8		62	6+	12	26+		16	8.83	5.63	2.50	13	T	T	1+	11	8	3
FAIRFIELD	37.7	2.4	58	7	10	26		19					T	T	1			
FLORA	37.3	3.3	60	6+	9	26		18										
GOLCONDA DAM 51	39.2	3.2	61	8	18	3		19	8.58	5.28	3.22	13	T	T	1	11	5	3
GREENVILLE	35.0M	1.9			7	26		20	4.13	2.02	1.15	13	2.0	T	15+	9	4	3
HARRISBURG	39.7	2.1	66	6	13	26		18	7.06	4.35	1.90	13	T	T	1+	10	7	3
MC LEANSBORO	39.1M	3.3	62	6	10	26		17	6.82	4.27	2.00	13		T	1+	10	7	2
MT CARMEL	38.4	3.4	64	13	8	26		18	8.72	6.02	2.70	13				13	8	3
MT VERNON	37.2	2.5	61	6	6	26		18	6.50	4.08	1.71	13	1.0			8	6	3
NEW BURNSIDE	38.9	2.0	62	8+	11	26		18	8.27	5.43	2.45	13	0.1	1	1	10	8	3
OLNEY RADIO STA	37.2	3.1	62	13	8	26		18	6.53	4.31	1.85	13		T	1+	9	6	3
SPARTA	38.4	2.4	65	6	11	26		19	5.68	3.61	1.91	12	T	T	1+	10	4	3
DIVISION	38.4	2.7							6.48	3.81			0.3					
STATE	31.3	1.3							3.87	1.91			5.7					

See reference notes following Station Index

Table 3

DAILY PRECIPITATION

ILLINOIS

FEBRUARY 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	.43							.56	.01			.60	2.17	.45				.12			1.44	.61						.24				6.63
ALEDO						T		.29				T	.70	T	T			T				.13	T	.31	.33			.23				1.99
ALEXIS WATER WORKS R								.54				.16	.31	.07	.07						.05	.16	.41		.32			.19				2.28
ALTON DAM 26	T						T	.07	.04			.16	1.16	.03	.07	T		T	.10		.37	.51	.03	.02				.19				2.75
ANNA	.40	.04				T		.44				1.70	1.38	.28				.08			.42	1.08						.38				6.20
ANNAWAN								.40					.50	.02								.25			.35			.10				1.62
ANTIOCH								.13	T				1.10	T	T			T		T	*	.30		-			.20	T				-
AUGUSTA HIGH SCHOOL R								.20				.40	.40	*	.05						.25	.10	.10					.10				1.60
AURORA COLLEGE					T	T		.25	.06				.71	.45	.30			.04		T	.09	.15	.03	.51	.03			.17				2.79
BARRY WATER WKS						T		.06	.39			.32	.60	.06	.02			T			.44	.24		.05	T			*				2.18
BEARDSTOWN						.03		.13	.59			.03	.73	.04	.07				.01		.29	.46	.11	.10	T	.03		.06				2.68
BEARDSTOWN LGRNG DAM R//						.05		.45				.65	.25	.05							.45	.29	.09					.10				2.38
BELVIDERE SEWAGE PLANT R								.20					.67	.12							.06		.08					.10				1.23
BENTLEY						T		.17				.05	.38	.05	.07			T			.21	.12	*	.10	T			.10				1.25
BENTON	.47							.40				.75	1.20	.30				.02			1.00	.50						.20				4.84
BLOOMINGTON NORMAL						.02		.51	.59			.01	.93	.04	.09	.01		.07			.26	.39		.04	.23			.43				3.62
BLUFFS								.28				.51	.45	.06	.03						.51	.31		.05	.09							2.29
BRADFORD CAA	T	T			T	T		.15				.20	.14	.08	.06			T			.08	.08	.41	.19	.26			.16				1.81
BROOKPORT DAM 52	1.20	.30					T		.10			1.90	3.50	.50	.24				T		T	2.10	T					.05				9.89
CAIRO WB CITY R	.27	T				T		.07			.03	4.75	.69	.30				.02			1.24	.85		T				.66				8.88
CAMP ELLIS R								.40				.45	.13	.06	.02						.30	.15	.08	.01	.16			.10				1.86
CANTON					T	T		.32	.15			.02	.77					T			.38	.26	T	.24	.41			.37				2.92
CARBONDALE SEWAGE PL	.07							.70			.70	1.64	.31	.07				.03		.10	.93	T					.25					4.80
CARLINVILLE 4E								.64	.02			.41	.85	T	.10			T			.63	.29			.01			.04				2.99
CARLYLE	T							.09	T			1.53	2.10	.41	T				.09		1.78	.13						.25				6.38
CARMI	.38							1.45				1.09	2.35	.31	T			.12			1.38	.93						.19				8.20
CASEY								.51				.59	1.52	.36	T			.15			1.10	.18			.09			.16				4.66
CENTRALIA 4 W								.50				1.40	2.35	.50				T			1.60	.40						.20				6.95
CHANDLERVILLE	-					T		.48	.26			.24	.78	.10	.06			T			.54	.35		.12	.15		.13					3.21
CHANNAHON DRESDEN ISLD		T				.02			.16				.75	.26	.30	.02			.17		T	.21	.16	.24	.04	.12		.32				2.77
CHARLESTON								.78				.20	2.18	.11				.32			.25	.70			.17		T	T				4.71
CHENOA	T	T				T		.78	T			.25	.58	.27	.04			.08			.19	.41	.13	.10	.22		T	.04				3.09
CHESTER	-						-	-	-			-	-	-	-				T		.47		.94					.24				-
CHICAGO CAL TREAT WKS R								.15	.01			-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-
CHICAGO HEIGHTS						.06		.17	.03				*	2.71	.18			.18	T		.53	.31		.13	T			.54				4.84
CHICAGO LAKEVIEW PUMP R								.19					.82	.49				.18				.23	.25	.09				.38				2.63
CHICAGO LOYOLA UNIV R								.16	.01			-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-
CHICAGO MAYFAIR PUMP R								.18					1.34	.60	.01			.22				.20	.25	.18				.39				3.37
CHICAGO N BRA PUMP STA R								.20	.01			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
CHICAGO ROSELAND PUMP R								.13				.13	1.43	.84	.09			.19			.07	.17	.28	.25			.01	.44				4.03
CHICAGO SAN DIST DISP R								.11				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
CHICAGO SAN DIST OFF R								.10				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
CHICAGO S FILTER PL R								.12				.05	.82	.97	.05			.21			.07	.43	.26	.33			.02	.56				3.89
CHICAGO SPRINGFLD PUMP R								.20				.01	1.25	.77	.02			.23				.24	.25	.27				.38				3.62
CHICAGO UNIVERSITY R		T						.09	.01			.04	1.17	.91	.05	T		.12	T	T	.01	.29	.12	.23				.39				3.43
CHICAGO WB AIRPORT R	T	T				T		.09	T			.04	.73	.94	.08	T		.20	T	.01	.04	.43	.22	.15	T		T	.42				3.35
CHICAGO WB CITY R	T	T				T		.12	.01			.02	1.37	.93	.10	T		.19	T	.01	.05	.30	.20	.19	T			.37				3.86
CHILLICOTHE						.01		.15	.02				.83	.20	.03			.03			.20	.27		.40	.40			.18				2.72
CICERO						T		.07	.03				1.19	1.12	.07	T		.16	T	T	.03	.49	.02	.49				.49				4.16
CISNE BROWN CAMP R	.12	.07						.50			.02	1.63	.70	.20				.05			1.73	.32						.20				5.54
CLINTON 1 S						T		.19	.14				.10	1.03	.10	T		T			.64	.30		T	.32			.35				3.17
COLLINSVILLE R	-	-	-	-	-			.02			.12	1.23	.30	.07				.10			.96	.16						.35				-
COULTERVILLE R	.07							.25			.05	2.37	-	-				.10			1.40	.20						.33				-
CRETE R								.21				.30	.92	.64	.05			.07			.10	.44	.17	.15			.02	.60				3.67
DANVILLE						.06		.48	.02			.17	1.43	.55	.07	.01		.22			.31	.38		T	.13		.28					4.11
DANVILLE HOSPITAL R								.50				.75	1.00	.40				.14			.31	.30	.04		.11			.30				3.85
DANVILLE SEWAGE PLANT		T				T			.84			T	1.31	.54	.24	T	T		.26		.05	.34	.37	T	T	.14		.05				4.14
DECATUR		T				T		.32	.04			.30	.64	.08	.04	T		.15			.73	.30			.17			.34				3.11
DES PLAINES 1 NW								.11					.87	.51	.21	T		.06	.04	T	.04	.32	.02	.42				.20				2.80
DIONA R								1.07				1.27	.78	.30				.10			1.27	.20			-			.19				-
DIXON						T		.29					.69	.38	.02	T		T			T	.04	T	.33	.08			.25				2.08
DOUGLAS R								-	-	-	-	.17	.40	.10							-	-	-	-	-		-	-				-
DOWNS 2 NE R								.94				.47	.58	.08	.05			.05			.32	.05			.13		.02	.13				2.82
DU QUOIN	.25							.36				.83	2.64	.35				.04			1.45	.32						.32				6.56
DWIGHT						T		.17	.16				1.09	.26	.06	T		.05			.10	.45		.45	.16			.25				3.20
DWIGHT STATE REFORM R								.33				.23	.52	.30	.12			.05			.12	.15	.20	.05			.03	.25				2.47
EAST ST LOUIS								T			.19	1.27	.17	.06	.01			.07			1.19	.18						.33				3.47
EDWARDSVILLE							T	.36	T		.02	.91	.69	.05	.08			T			.36	.16			T	.03	.11					2.77
EFFINGHAM CAA Z	T	T			T			.36				1.43	1.25	.18	.01			T			1.25	.13		T	T			.16				4.77
ELGIN					T			.18					.91	T	.35	T		T		T	T	.29		.31				T				2.04
ELIZABETHTOWN	.71	T				.08		.31	.03			2.30	2.50	.56				.04			.25	1.69						.36				8.83
ELSAH								.30	.01			.46	1.06	.01	.01			.07			.90	.05						.14				3.01
EVANSTON PUMP STA R								.15				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
FAIRBURY WATER WORKS R//								1.05				.38	.79	.16				.09			.19	.52	*	.23	.20		.08	.26				3.95
FAIRFIELD	T							-				.57	2.29	.27				.03			1.46	.53						.27				-
FARMER CITY R								.38				.67	.30	.13	.04			.07			.47	.23		.02	.21		*	.35				2.87
FLORA								.38				1.00	1.73	.32							-	.37						-				-
FREEPORT								.18		T			.58	.08	.02		T	T			.03		.08	.04				.25				1.26
FREEPORT SEWAGE PLANT R								T	.16				.10	.20	.01	T			T			.03		.06		.01		.25				.82
FULTON DAM 13 Z								.25	.30				.41	.25	.03	T		T			T	.03		.29	.07	.05		.21				1.89
GALATIA R	*	.46						.40				2.05	1.08	.16				.06			1.38	.10						.15				5.84
GALENA						T			.06	.03			.88		.03			T			.01		T									1.01
GALESBURG								.52					.81	.05	T						.09	.22		.51	.35							2.55
GALVA								.41					.40	.30	.03						.06	.19		.62	.20			.16				2.37
GENESEO						T		.21					.43	.11	T						.04	.16	.01	.36	.14			.25				1.71
GIBSON CITY	T				T	T	T	.37	.30			.03	.90	.30				.16			.36	.93		.01	.36		T	.33				4.05
GLADSTONE DAM 18	T								.80	.02		.03	.60	.14	.03	T			T		T	.10	.02	.39	.23	.11		.16				2.63
GLENDALE EXP FARM R	.33							1.18				3.50	1.43	.14				.02			1.41	.47						.33				8.81
GOLCONDA DAM 51 Z	.86	.12	T				.02		.15			1.16	3.22	.78	.18	T			T		T	2.00	.05					.04				8.58
GOLDEN						.04		.19	.03		.76	.14	T	.03							.66	.15	.05	.05		T		.19				2.29
GRAFTON	T		T					.32	.10			.22	1.26	.06	.12	T			.10		.68	.49	.08					.16				3.59
GRAND TOWER 2 N							.57	.26				.70	2.01	.44				T			.24	.68						.37				5.27
GREENFIELD R								.34				.77	.21					.05			.88	.17						.08				2.50
GREENUP	.03	T			T			.44				2.43		.47	.06			.12			1.20	.09				.09		.20				21.72V
GREENVILLE								.09	T			1.04	1.15	.15	.02			.12			1.09	.16						.31				4.13
GRIDLEY		T						.30	.75			.05	.94	.21	.07			.08			.21	.35		.28	.20			.12				3.56
GRIGGSVILLE									.45				.70	T	T							.46	T					T				1.61
HARDIN								.39				.50	.85	T	.04						1.00	.30						.14				3.22
HARRISBURG	.18	T						.80	.01			1.48	1.90	.37	T			.09			.64	1.31		T				.28				7.06
HARISBURG DISPOSAL PL	.57	.05						.81				1.00	2.29	.55	T			.05			.09	1.75						.15				7.31
HAVANA						.03		.42	.22			.04	.91	.10	.03			T			.38	.09	T	.11	.21			.11				2.65
HAVANA NO 2	T					.03		.09	.51			T	.95	.05	.08						.20	.25	.16	.05	.60	.15		.10				3.22E
HENRY								.11	T			.20	.63	.22	.04			.07			.19	.22	.08	.40	.19			.15				2.50
HILLSBORO								1.29				.38	1.18	.07	.04			.19			1.17	.22			T			.15				4.69
HOOPESTON Z						.03		.22				.04	1.18	.65	T			.31			.25	.29		T	.28			.35				3.60
HUDSON LK BLOOMINGTON R								1.20	.02			.36	.58	.11	.05			.08			.25	.22		.23	.35			.09				3.54
HUTSONVILLE H//	.05	.04						-				1.85	1.09	.18				.14			1.12	.14			.10			.25				-
HUTSONVILLE POWER PLA	.03	T	T			T			.61			.51	2.31	.40	.03	T			.17		.45	.85	.02	T		.06		.21				5.65
ILLINOIS CITY DAM 16 Z						.01		.34	T			.01	.38	.10	.03	T					.01	.05		.39	.20	.04		.27				1.83
JACKSONVILLE								.15	.13			.20	.77	T	.02			T			.54	.35		T								2.16
JACKSONVILLE SEWAGE PL R								.29				.59	.31								.45	.13	.04					.03				1.84
JERSEYVILLE								.16				.50	.70	T	T						1.00	.25						.05				2.66
JOLIET BRANDON RD DAM						.02			.13				.20	.36	.25	.01			.11			.14	.14	.42		.03		.28				2.09
JOLIET WB AIRPORT	T					T		.11	T			.09	.69	.29	.07	T		.15		T	.03	.40	.35	.23	.08		.01	.34				2.84
[illegible]		T				T		.09	.36			.01	.89	.65	.01			.09			.22	.24		.29	.10			.36				3.31

See reference notes following Station Index

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KANKAKEE 4 W		T				.01		.05	.49			T	.96	.70	.08	T		.11	T		.10	.83	T	.37	.11			.25				4.06
KANKAKEE SEWAGE PLANT R								.45				-	-	.42	.02			.04			.10	.03	.13	.09	.06		.04	.36				-
KEITHSBURG								.35	T			T	.65	.18	T	T					T	.24		.58	.40			.35				2.75
KEWANEE								.43					.87	.16	T						-		T	.28	.18			.12				-
KEWANEE BAKER PARK R								.45				.20	.35	*	.25						.07	.10	.25	.02	*	*	*	.30				1.99
KICKAPOO							T	.20					.45										52	10								1.55
LA HARPE 1 SW								.51				.01	.72	.02	.03						.13	.04		.09	.15			.11				1.83
LANARK R								.25					.70	.08							.05		.12	.02	-			-				-
LA SALLE		T			T	.01		.06	.01				.82	.08	.14	T		.04			.04	.35	T	.56	.18			.19				2.48
LAWN RIDGE R								-				.46	.15	.15	.10						.19	.03	.13		.17		-	-				-
LAWRENCEVILLE								1.12				2.30	1.10	.68	T						1.95	.15						.12				7.42
LE ROY								.44	.05			.03	1.01	.09				.04			.38	.19			.27			.15				2.65
LINCOLN		T				T		.47	.13			.27	.70	.09	.03			.04			.79	.37		.19	.29			.10				3.47
LINCOLN NO 2	T					.02		.02	.55			.03	.30	.10	.08				.05	.05		.69	.05	.09	.08	.02		.14				2.27
LOCKPORT LOCK AND DAM R								.10				.15	.65	.30	.15			.20			.05	.15	.18	.12			.05	.25				2.35
LOCKPORT POWER HOUSE R								.11				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
LOUISVILLE R	.05							.95				1.80	.80	.34				.05			1.90	.17	-					.25				6.31
MACKINAW								.03	.99			.03	.75	.15				.02			.30	.32			.46							3.05
MACOMB						T		.11				.09	.50	.03	.01						.21	.10		.12	.22			.14				1.53
MARENGO								.25	T				1.02	.06				.02			T	.03	T	.27				.05				1.70
MARIETTA R								.20				.30	.44	*	.06						.30	.20	.11		.17		*	.30				2.08
MARION	.29	.02						.69	T			1.15	1.66	.35	T			.05			.64	.93						.17				5.55
MARSEILLES LOCK						.01			.12				.59	.13	.22	T			.03			.11	.17	.45	.02	.09		.11				2.05
MARSHALL 1 W								.02				.21	.09	.26	T						.33	-						.14				-
MASCOUTAH	T							T				.71	2.42		.07			.01			1.61	.21						.18				5.21
MASON CITY R								1.13				.60	.27	.04				.05			.70	.20		.05	.24		.03	.18				3.49
MATTOON					T			.67				1.30	1.72	.17	.04						.98	.16			.09			.17				5.30
MC HENRY R								.15					1.10	.22	.03			.05			.10	.06	.03					.20				1.94
MC HENRY 2 S						T	T	.15	.02				.76	.35	.11			.07	T	T	.06	.04	T	.09				.16				1.81
MC LEANSBORO	.12	.36						.97				.50	2.00	.28	T			.05			1.40	.92						.22				6.82
MEDORA	T	T				T		.41	T			.87	.50	.10	.03			.04			1.10	.31						.02				3.38
MINONK								.26	.19				.86	*	.32			T		.20	T	.49		.33	.47			.14				3.26
MOLINE WB AIRPORT Z					T	T		.29				.15	.59	.02	T			T		T	.02	.04	.24	T	.14		.01	.26				1.76
MONMOUTH								.75					.52	T							T	.06		.62	.28			.18				2.41
MONTICELLO								-					1.41	.36								.52			.26							-
MORRIS									.14				.54	.24	.23	T				.12		.20	.24	.51	T			.20				2.42
MORRIS 3 NE						T		.07	.05				.45	.25	.05	T			.07		.05	.10	T	.36	.10			.35				1.90
MORRISON								.41					.62	T	.10						T	T	.05	.20	.14			.17				1.69
MORRISONVILLE R								.37				.82	.18		.03			.05			1.09	.45						.10				3.09
MORRISONVILLE 1 E								.74	T			.27	.88	.02	T			.03			1.11	.35			T			.06				3.46
MT CARMEL	.37	.36				.05			1.25			.35	2.70	.80	.15				.07		.26	2.05	.08					.23				8.72
MT CARMEL WATER WORKS	.17	.11						.85				1.70	1.80	.25				-			1.99	.19						.20				-
MOUNT CARROLL								.25	.02				.57	.07	T			T			.06		.03	.18	.08			.27				1.53
MOUNT OLIVE								.38				.73	.95	T	.04			.13			1.33	.15						.15				3.86
MOUNT PULASKI		T						.30				T	.72					.07			.76	.30		.10	.30							2.55
MOUNT STERLING						.03		.30	.28			.20	.77	T	.15						.42	.32		.08	T							2.55
MT VERNON	.06							1.13				.75	1.71	.41							1.61	.64						.19				6.50
MURPHYSBORO WTR WKS R//	*	.35						.74				2.23	.41	.21				.05			.87	.10						.29				5.25
NASHVILLE 3 NW	.03	T					.10					.93	2.90	.35							1.36	.35						.24				6.26
NEWARK 7 E								.25					.49	.10	.05						.08	.12		.28				.33				1.70
NEW BOSTON DAM 17								.38	T			T	.43	.10	.02	T					T	.13	T	.40	.48	.04		.32				2.30
NEW BOSTON 2 NW								.25				.34	.09							T	.11			.39	.24	T		.26				1.88
NEW BURNSIDE	.54	.05			T	T		.75				1.95	2.45	.30	T			.10			.38	1.45						.30				8.27
NEWTON Z								-				1.10	.77	.34				T			-	-						-				-
OLNEY RADIO STA	.13					.03		.68				1.15	1.85	.35				.10			1.77	.47										6.53
OREGON WATER WKS							T	.35				.49	.47	.05			T						.22				.22					1.80
OTTAWA	T				T	T		.15				T	.82	.18	.07			.04			.03	.30	T	.34	.15			.37				2.45
PALESTINE	.05							1.53				1.70	1.69	.44	T	T		.14			1.56	.19			.03			.25				7.58
PANA								1.95	.04			.61	.96	.19	.03			.17			1.25	.32			.05			.14				5.71
PARIS SEWAGE PLANT R						.03		.60				1.09	1.00	.35	.18			.13			.77	.10	.04		.12			.20				4.61
PARIS WATER WORKS								.70				.50	1.70	.60	T			T				.90			-			-				-
PAW PAW							.05						.50	.06	.05							.20		.35	.05			.40				1.71
PAYSON	.01	T			T	T		.19	T			.14	.65	.02	T					.47	T	.17	.12	T		T		.01				1.78
PEORIA LOCK AND DAM R//								.79				.45	.37	.15	.05						.33	.23	.13	.12	.21		*	.20				3.03
PEORIA WB AIRPORT R	T	T			T	T		.48				.36	.37	.10	.04			.01			.38	.20	.28	.04	.29		.03	.17				2.75
PEOTONE						T			.28			T	.49	.57	.19			.10		T	T	.13	.07	.33	T			.85				3.01
PEKIN	.02					.02			.09				.68	.23	.22					.04	.01	.10	.04	.28	.03	.13		.13				2.04
PETERSBURG						T		.30	.20			.10	.80	.04	T						.60	.04		.08	.06			.40				2.62E
PITTSFIELD WATER WORKS R								.27				.64	.18	.04	.04					*	.42	.13	.04					.07				1.83
PLEASANT HILL 2 E								.03	.11			.27	.27	.02	.01			T			.68	.25		.04				T				1.68
PONTIAC						T		.23	.38			T	.95	.20	.05			.08			.19	.22		.25	.30			.04				2.89
PRINCETON 1 S R//								.19				.33	.22	*	.49						.05	.17	.46	.07	.20		.02	.16				2.36
PRINCEVILLE 2 NW								.27	T				.68	.15	.03						.15	.15		.16	.31			.08				1.96
PROPHETSTOWN R								.21				.02	.53	.07							.02	.05	.23	.01	.18			.27				1.59
QUINCY						T		.28				.34	.31	.03	.03						.58	.12		.05				T				1.74
QUINCY CAA					.02	.01		.50				.53	.10	.01	T			T			.62	.03	.02	T	T		T	.02				1.86
QUINCY DAM 21 Z						T	.04		.46			.11	.65	T	.02						.46	.23	.07	.07				.02				2.13
QUINCY MEMORIAL BRIDGE	T					T		.02	.24				.51	.01	.02				T		.29	.33	.04	.22	T	T		.01				1.69
RANTOUL CHANUTE AF Z	T	T			.01	.03		.32	.01			.28	.45	.39	.02			.30			1.10	.29	T	T	.25		T	.20				3.55
RED BUD								.02			.40	2.66	.05	.15				.06		.09	.50	.02'						.04				3.99
RICHVIEW R	.03	.02						.65			.06	1.97	1.00	.20				.03			1.43	.12						.25				5.76
ROBERTS 3 N	T							.75	.47			.09	1.10	.58	.06			.05			.30	.18		.13	.03			.54				4.28
ROCHELLE								.22					.87	T	.13									.33			.17					1.72
ROCKFORD						T		.26					1.01	T	.08			T			.18	T	T	.10				.19				1.82
ROCKFORD CAA					T	.02		.21					.40	.08	.01	T		T		T	.07	T	.05	T				.15				.99
ROCK ISLAND DAM 15						T		.15	.02				.32	.33	.03	T			T		T	.04	T	.50	.11	.05		.20				1.75
STE MARIE	.06					.01			1.00			.76	1.78	.40	.15	.08			.08		.52	1.44	.03			.05		.15				6.51
SALEM								.19				1.19	2.12	.32	.01			.05			1.98	.28										6.14
SHAWNEETOWN NEW TOWN	.36	.06							1.31			.85	2.77	.60	.21	T			.05		.07	1.81	T					.09				8.18
SIDELL						T			1.23				1.69	.35	.27				.14		.12	.50	.16		T	.21		.17				4.84
SKOKIE W S TREAT WKS R								.17				.01	1.13	.41	.05			.07			.01	.18	.12	.08				.27				2.50
SPARTA	.08	.03						.08				1.91	1.73	.15				.02			1.12	.18						.38				5.58
SPRINGFIELD WB AIRPORT Z		T			T	T		.33				.57	.18	.02	.02			.03			.61	.32	T	.03	.08			.06				2.25
SPRINGFIELD WB CITY Z					T	T		.28				.53	.22	.01	.01			.04			.84	.21	T	.02	.03			.08				2.27
STICKNEY W S TREAT WKS R								.10				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
STOCKTON						.03		.16		.01			.61	.05	.01			T			.01		T	.09	.04			.20				1.21
STREATOR								T	.04				.42	.03	.02			T			.16	.31		.36	.11			.42				1.87
SULLIVAN WATER WORKS R//								1.50				-	-	-	-			.15			.87	.21			.10			.13				-
SYCAMORE								.01	.19				.92	.13	.07			.02			.13	.16	.02	.26									1.91
TABLE GROVE						T		.30	.10			.10	.46	.06	.02			T			.19	.23		.07	.19			.12				1.84
TAYLORVILLE								.67					1.13	.04				.10			.73	.31			.04							3.02
TISKILWA	T					T		.15					.77	.10	.02			T			T	.21	T	.32	.16			.22				1.95
TOULON					.01			.26	T			T	1.00	.15	.03					.11		.23		.45	.23			.37				2.84
TUSCOLA								1.30				.15	1.45	.38	.02			.17			.46	.41			.26			.15				4.75
URBANA		T				.03		.15	.03			.25	1.12	.65	.03			.20			.25	.45			.30			.25				3.71
URBANA EXP FARM R					T			.24				.15	1.35	.32				.14			.36	.11			.03			.19				2.89
UTICA STARVED ROCK DAM	T	T							.07				.66	.11	.20	T			T		T	.14	.06	.40	.02	.08		.14				1.88
VANDALIA Z		T			T			.29	T			*	2.45	.32	T			.11			1.29	.14						.25				4.85
VIRDEN								.20	.02			.23	.68	T	T			T			.93	.28		T	T			T				2.34
WALNUT								.15					.73	.12	.08						T	.15	T	.47	.15		T	.16				2.01

See reference notes following Station Index.

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WARSAW								.70				.04			.04	T					.14			.39								1.31
WASHINGTON R								.67				.37	.53	.24	.05			.05			.27	.25	.15	.12	.20			.19				3.09
WATERLOO									T			.42	1.31	.11				.05			1.11	.20						.54				3.74
WATERMAN R//								.05					*	.60	.05			.09				.10	.17	.05	.03				.26				1.40
WATSEKA		T				.01		.53	.35			.04	.75	.92	.40			.27	T		.24	.40	T	.25	.20			.38				4.74
WAUKEGAN						T		.11	.02	T			.89	.55	.12	T		.09		T	.04	.26		.07			.09				2.24
WAYNE CITY	.24	.06				.03			.28			.38	1.55	.31	.14	.01					.53	1.57	.02				.20				5.32
WENONA E								.20				*	1.04	.12	.08						.15	.15	.15	.10	.20		-	-				-
WEST FRANKFORT 8 E R								2.10				1.23	1.10	.21				.03			1.20	.20						.14				6.21
WHEATON COLLEGE								T						.20	T	.18	T		.10			T	.25	.25				.36				1.34
WHITE HALL 1 E								.11	.04			.11	.31	T	.02			T			.48	.10			T							1.17
WILCOX	.14							.48				.75	1.40	.35	.10				.10		*	2.25						.20				5.77
WINDSOR								.81				.49	1.68	.46	.14			.18			1.05	.20			.10			.22				5.33

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																										
CAIRO WB CITY		.12	.05	.01							.01	.01	.01		.01	.01			.01	.01	.01	.01				.27
CISNE BROWN CAMP												.02	.03	.02	.02	.01			.02							.12
COLLINSVILLE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COULTERVILLE												.02	.03	.01	.01											.07
GALATIA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GLENDALE EXP FARM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.33					.33
GOLCONDA DAM 51		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUTSONVILLE	//											.03	.02													.05
LOUISVILLE									.02	.01		.01	.01													.05
MT CARMEL WATER WORKS			.02	.02	.01				.03			.02	.05												.02	.17
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
RICHVIEW												.02	.01													.03
—2d—																										
CISNE BROWN CAMP				.02		.01										.02	.02									.07
GALATIA		*	*	*	*	*	.46																			.46
GOLCONDA DAM 51		-	-	-	-	-																				-
HUTSONVILLE	//					.01			.03																	.04
MT CARMEL WATER WORKS		.01	.01	.01	.05	.03																				.11
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.35							.35
RICHVIEW			.01	.01																						.02
—5th—																										
COLLINSVILLE		-	-	-	-	-	-	-	-	-	-	-	-													-
HOOPESTON																				*	*	*	*	*	*	*
QUINCY CAA	6																			*	*	*	*	*	.02	
—6th—																										
BEARDSTOWN LAGRANGE DAM	//																						.03	.01	.01	.05
HOOPESTON		*	*	*	*	*	.03																			.03
PARIS SEWAGE PLANT													.03													.03
QUINCY CAA	6	*	*	*	*	*	.01																			
RANTOUL CHANUTE 16 BAS5		*	*	*	*	*	.03																			.03
ROCKFORD CAA	6	*	*	*	*	*	.02																			
—8th—																										
ALEXIS WATER WORKS							.07	.18	.22	.07																.54
AUGUSTA HIGH SCHOOL						.10				.03								.02	.04	.01						.20
BEARDSTOWN LAGRANGE DAM	//						.02		.03		.01				.01			.05	.03	.17	.10	.02	.01			.45
BELVIDERE SEWAGE PLANT											.13	.02				.05										.20
BRADFORD CAA	6							*	*	*	*	*	.15													
CAIRO WB CITY										.01								.05	.01							.07
CAMP ELLIS							.05	.03	.12	.08	.05									.02	.04	.01				.40
CHICAGO CAL TREAT WKS													.01	.01	.01		.01		.01		.01		.04	.04	.01	.15
CHICAGO LAKEVIEW PUMP											.09	.02	.01	.07												.19
CHICAGO LOYOLA UNIV														.04		.01	.02	.01	.01		.01	.02	.02	.01	.01	.16
CHICAGO MAYFAIR PUMP ST												.10	.01	.04	.03											.18
CHICAGO N BRA PUMP STA													.01	.05	.01	.01	.02	.01	.01	.01	.01	.02	.02	.01	.01	.20
CHICAGO ROSELAND PUMP											.01						.02	.01					.04	.03	.01	.13
CHICAGO SAN DIST DISPAT											.01	.01		.01		.02		.01		.01		.02		.02		.11
CHICAGO SAN DIST OFF																.02	.01		.01		.01	.01	.01	.03		.10
CHICAGO S FILTER PL											.01	.01					.02	.01			.01		.04	.01	.01	.12
CHICAGO SPRINGFLD PUMP											.04	.05	.02	.08	.01											.20
CHICAGO UNIVERSITY											.04				.01									.01	.03	.09
CHICAGO WB AIRPORT											.03						.01	.01		.01		.01		.02		.09
CHICAGO WB CITY											.04	.01	.01				.01	.01	.01			.01	.01	.01		.12
CISNE BROWN CAMP											.12	.11	.02	.18	.02	.04	.01									.50
COLLINSVILLE												.02														.02
COULTERVILLE									.18	.02	.05															.25
CRETE														.04	.01	.01						.03	.04	.08		.21
DANVILLE HOSPITAL											.02	.06	.31	.09	.02											.50
DIONA									.02	.07	.28	.25	.20	.15	.02	.03				.03	.01	.01				1.07
DOUGLAS							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNS 2 NE											.08	.12	.13							.37	.07	.08	.06	.03		.94
DWIGHT STATE REFORM										.03	.07	.05								.02		.08	.07	.01		.33
EFFINGHAM CAA	//						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EVANSTON PUMP STA													.01	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.15
FAIRBURY WATER WORKS	//									.05	.08	.16	.11	.03			.01	.01	.20	.15	.08	.07	.10			1.05
FARMER CITY									.04	.06	.04	.11										.08	.02	.03		.38
FREEPORT SEWAGE PLANT											.08				.02				.01	.01						.12
FULTON DAM 13								.18	.32	.10																.60
GALATIA										.06	.22	.08	.03	.01												.40
GLENDALE EXP FARM											.66	.14	.20							.01	.17					1.18
GOLCONDA DAM 51											.10	.02	.01			.01		.01								.15
GREENFIELD							.20	.03	.07										.01		.02	.01				.34
HOOPESTON											.05	.05	.05	.05				.03	.02							.25
HUTSONVILLE	//										.10	.03	.04	.03	.07	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS CITY DAM 16						.03	.07	.20	.03	.02																.35
JACKSONVILLE SEWAGE PL										.19										.05	.04	.01				.29
JOLIET WB AIRPORT	6							*	*	*	*	*	.03	*	*	*	*	*	.01	*	*	*	*	*	.07	
KANKAKEE SEWAGE PLANT														.03		.01				.01	.09	.16	.10	.05		.45
KEWANEE BAKER PARK								.05	.05	.20	.05			.05		.03	.01	.01								.45
LANARK										.13	.10						.01				.01					.25
LAWN RIDGE							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT LOCK AND DAM												.03		.02									.04	.01		.10
LOCKPORT POWER HOUSE												.03	.01				.01						.04	.02		.11
LOUISVILLE										.04	.20	.03	.06	.45	.01	.15		.01								.95
MARIETTA					.03	.02	.05	.03	.02	.03	.02															.20
MASON CITY							.05	.03	.02	.15	.28	.02							.25	.03	.17	.10	.03			1.13
MC HENRY											.02	.06	.01	.01				.03		.01	.01					.15
MOLINE WB AIRPORT	//							.12	.13	.02						.01	.01									.29
MORRISONVILLE									.02	.30		.03									.01	.01				.37
MT CARMEL WATER WORKS												.10	.02	.01	.49	.18		.04	.01							.85
MURPHYSBORO WATER WORKS	//								.35	.02	.35	.02														.74
PARIS SEWAGE PLANT										.05	.13	.07	.25	.08	.02											.60
PEORIA LOCK AND DAM	//							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.79	.79
PEORIA WB AIRPORT								.02	.05	.16	.02	.01	.01						.03	.02	.12	.04				.48
PITTSFIELD WATER WORKS							.02				.02		.01			.01	.01			.05	.08	.05	.01	.01		.27
PRINCETON 1 S	//									.07	.08	.03	.01													.19
PROPHETSTOWN								.04	.12		.02	.01			.01		.01									.21
QUINCY CAA	6	*	*	*	*	*	.10							*	*	*	*	*	.40							
QUINCY DAM 21																.03	.37	.04	.04							.48
RANTOUL CHANUTE AF BASE	//									.08	.07	.15	.10					.02		.02		.01	.05			.50
RICHVIEW									.20	.05	.05	.30	.05													.65
ROCKFORD CAA	6							*	*	*	*	*	.17	*	*	*	*	*	.03	*	*	*	*	*	.01	-
SKOKIE N S TREAT WKS												.01	.04	.03	.01	.01		.02		.01	.01	.01	.01	.01		.17
SPRINGFIELD WB AIRPORT	//					.03	.04	.02	.02	.07	.02	.01						.01		.08	.03					.33
SPRINGFIELD WB CITY							.03	.05	.03	.02	.01	.03									.06	.04	.01			.28
STICKNEY W SIDE TREAT											.02		.01			.01	.01		.01			.02		.01	.01	.10
SULLIVAN WATER WORKS	//								.03	.36	.79	.16	.10	.01		.05										1.50

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
URBANA EXP FARM										.02	.02	.05	.07	.04									.04			.24
VANDALIA									.05	.05	.08	.10	.02		.04											.34
WASHINGTON									.05	.25	.10	.02								.03	.12	.08	.01		.01	.67
WATERMAN	//										.03		.01							.01						.05
WENONA										.09	.06			.05												.20
													—9th—													
CHICAGO CAL TREAT WKS			.01																							.01
CHICAGO LOYOLA UNIV				.01																						.01
CHICAGO N BRA PUMP STA						.01																				.01
CHICAGO UNIVERSITY		.01																								.01
CHICAGO WB CITY		.01																								.01
													—11th—													
BELLEVILLE SCOTT AF BSE	//																							.05	.09	.14
CAIRO WB CITY																									.03	.03
CISNE BROWN CAMP																									.02	.02
COLLINSVILLE																								.04	.08	.12
COULTERVILLE																							.02	.02	.01	.05
RICHVIEW																								.01	.05	.06
													—12th—													
ALEXIS WATER WORKS																					.05	.02	.03	.02	.04	.16
AUGUSTA HIGH SCHOOL					.03		.01	.01						.02	.01			.01	.01	.10	.03	.01	.06	.10		.40
BEARDSTOWN LAGRANGE DAM	//								.02	.01	.01						.01	.05	.08	.12	.08	.02	.15	.08	.02	.65
BELLEVILLE SCOTT AF BSE	//	.11	.10	.02	.07		.01		.01						.01	.05	.13	.16	.26	.15	.09	.08	.13	.05	.02	1.45
BRADFORD CAA	6																			*	*	*	*	*	.20	
CAIRO WB CITY		.12	.40	.45	.48	.44	.24	.04	.04	.05	.05	.01	.05	.06	.17	.23				.32	.51	.18	.54	.31	.06	4.75
CAMP ELLIS																			.05	.07	.14	.05	.01	.08	.05	.45
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP																								.07	.06	.13
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL																								.02	.03	.05
CHICAGO SPRINGFLD PUMP																									.01	.01
CHICAGO UNIVERSITY																								.01	.03	.04
CHICAGO WB AIRPORT																								.01	.03	.04
CHICAGO WB CITY																									.02	.02
CISNE BROWN CAMP		.01	.07	.13	.20	.17	.05									.04	.06	.13	.12	.15	.05	.20	.15	.04	.06	1.63
COLLINSVILLE		.09	.06	.01						.01		.01			.01	.04	.17	.18	.25	.14	.03	.04	.10	.07	.02	1.23
COULTERVILLE		.14	.03	.01	.03	.03								.06	.14	.07	.16	.60	.30	.13	.12	.05	.08	.12	.30	2.37
CRETE																						.02	.10	.10	.08	.30
DANVILLE HOSPITAL																		.04	.06	.05	.09	.06	.19	.13	.13	.75
DIONA						.03	.07			.04	.01		.05	.03	.02	.02	.02	.05	.15	.08	.08	.27	.21	.07	.07	1.27
DOUGLAS																				.05	.02	.08		.02		.17
DOWNS 2 NE																		.05	.02	.08	.10	.07	.05	.03	.07	.47
DWIGHT STATE REFORM																					.05	.05	.05	.05	.03	.23
EFFINGHAM CAA	//				.02	.04	.04	.01	.01	.02	.03		.02		.01	.02		.20	.05	.05	.20	.34	.19	.07	.09	1.41
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//																		.04	.04	.07	.10	.09	.01	.03	.38
FARMER CITY																	.02	.09	.06	.07	.12	.08	.08	.10	.05	.67
GALATIA			.04	.21	.25	.11	.09	.01	.01	.02				.01	.01	.10	.13	.21		.03	.17	.05	.15	.30	.15	2.05
GLENDALE EXP FARM		.02	.04	.29	.39	.39	.23	.04	.02	.01	.03		.01	.09	.14	.09	.21	.03		.01	.04	.36	.33	.40	.33	3.50
GOLCONDA DAM 51			.04	.26	.30	.33	.32	.10	.03				.01	.01	.14	.12	.16	.01	.01	.01	.01	.23	.16	.40	.31	2.96
GREENFIELD				.04	.04	.02	.03	.04	.01	.01	.01					.03	.02	.05	.13	.10	.10	.07	.03	.02	.02	.77
HOOPESTON																		.04	.11	.05	.10	.04	.05	.11	.08	.58
HUTSONVILLE	//				.04	.23	.16	.10	.01	.01	.03	.05	.02		.02	.02		.06	.12	.03	.18	.17	.05	.40	.15	1.85
ILLINOIS CITY DAM 16																				.06	.01		.03	.02	.05	.17
JACKSONVILLE SEWAGE PL						.03	.02	.03	.02									.10	.05	.05	.10		.10	.08	.01	.59
JOLIET WB AIRPORT	6																			*	*	*	*	*	.09	
KANKAKEE SEWAGE PLANT																			-	-	-	-	-	-	-	-
KEWANEE BAKER PARK																					.03	.04	.03	.03	.07	.20
LAWN RIDGE																				.05	.11	.13	.12	.04	.01	.46
LOCKPORT LOCK AND DAM																							.03	.07	.05	.15
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE			.05	.17	.31	.12	.08	.02	.02	.01	.02			.01	.03	.01	.02	.13	.03	.04	.23	.29	.06	.07	.08	1.80
MARIETTA																			.03	.07	.08	.02		.05	.05	.30
MASON CITY											.02	.02						.03	.05	.09	.06	.10	.05	.15	.03	.60
MOLINE WB AIRPORT	//																					.02	.03	.05	.05	.15
MORRISONVILLE					.05		.03		.02	.03	.01	.01					.03	.07	.03	.17	.13	.07	.05	.08	.04	.82
MT CARMEL WATER WORKS				.05	.05	.14	.06	.05	.04	.01						.10	.20	.10	.15	.04	.01		.07	.23	.40	1.70
MURPHYSBORO WATER WORKS	//		.11	.19	.07	.06	.05	.01	.01	.02			.01		.01	.14	.12	.26	.02	.40	.20	.24	.13	.12	.06	2.23
PARIS SEWAGE PLANT							.02	.02	.02		.02	.01		.03	.01	.03	.03	.03	.10	.09	.10	.06	.31	.14	.07	1.09
PEORIA LOCK AND DAM	//																		.05	.08	.12	.05	.05	.05	.05	.45
PEORIA WB AIRPORT																			.01	.06	.06	.06	.06	.05	.06	.36
PITTSFIELD WATER WORKS				.04	.01	.05				.02	.02	.01				.03	.04	.08	.07	.08	.02	.03	.10	.03	.01	.64
PRINCETON 1 S	//																				.03	.07	.10	.05	.08	.33
PROPHETSTOWN																								.02		.02
QUINCY CAA	6	*	*	*	*	*	.09							*	*	*	*	*	.18	*	*	*	*	*	.26	
QUINCY DAM 21		.05	.02	.03	.02	.03	.02											.09	.09	.05	.02	.03	.06	.04	.02	.57
RANTOUL CHANUTE AF BASE	//							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW		.04	.03	.20	.09	.04	.02			.03		.01		.01	.02	.08	.14	.06	.10	.34	.36	.13	.07	.10	.10	1.97
SKOKIE N S TREAT WKS																									.01	.01
SPRINGFIELD WB AIRPORT	//						.01	.01	.01								.03	.06	.06	.06	.04	.06	.16	.05	.02	.57
SPRINGFIELD WB CITY								.01	.01								.03	.04	.05	.06	.05	.07	.15	.04	.02	.53
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URBANA EXP FARM																								.11	.04	.15
VANDALIA				.04	.01	.03	.05	.02	.03	.02			.01					.09	.15	.10	.22	.28	.18	.09	.10	1.42
WASHINGTON																				.08	.10	.07	.05	.02	.05	.37
WENONA																				*	*	*	*	*	*	*
													—13th—													
ALEXIS WATER WORKS		.01		.03	.02		.03			.02	.03	.05	.05	.02	.03		.01	.01								.31
AUGUSTA HIGH SCHOOL		.07	.02	.01	.10	.07	.02	.01		.08	.01	.01														.40
BEARDSTOWN LAGRANGE DAM	//	.04			.01	.05	.10		.01	.01	.01	.02														.25
BELLEVILLE SCOTT AF BSE	//	.11	.23	.08	.04		.07	.04		.01																.58
BELVIDERE SEWAGE PLANT				.05		.04	.04	.04	.06	.01	.05	.11	.10	.09	.06										.02	.67
BRADFORD CAA	6	*	*	*	*	*	.10	*	*	*	*	*	.03	*	*	*	*	*	.01							
CAIRO WB CITY		.11	.05	.03	.11	.01								.03	.05	.07	.07	.05	.04	.04		.02	.01			.69
CAMP ELLIS		.02	.05	.02	.01	.02							.01													.13
CHICAGO LAKEVIEW PUMP			.01	.01		.01		.02	.03	.13	.11	.03	.05	.09	.04	.03	.01		.02	.05	.04	.04	.03	.02	.05	.82
CHICAGO MAYFAIR PUMP ST		.05	.05	.07	.04	.04	.04	.03	.03	.19	.14	.07	.09	.09	.04	.08	.04	.01		.01	.04	.09	.04	.04	.02	1.34
CHICAGO ROSELAND PUMP		.05	.04	.05	.03	.03	.03	.10	.15	.08	.07	.05	.05	.09	.15	.01	.01		.01	.09	.02	.03	.04	.11	.14	1.43
CHICAGO S FILTER PL		.01	.02	.02	.01	.02	.01		.06		.03		.02	.02	.09	.04	.01	.01	.02	.11	.02	.04	.04	.10	.12	.82
CHICAGO SPRINGFLD PUMP		.04	.09	.08	.04	.05	.02	.02	.08	.18	.10	.04	.04	.07	.05	.04			.03	.04	.08	.05	.05	.01	.05	1.25
CHICAGO UNIVERSITY		.01	.01	.01	.01	.03	.05	.05	.09	.18	.07	.04	.04	.04	.09	.05	.01		.01	.04	.03	.06	.07	.06	.12	1.17
CHICAGO WB AIRPORT		.01	.01	.01	.01	.03	.02	.04	.07	.08	.01		.07	.05	.03				.01	.01	.04	.04	.07	.05	.07	.73
CHICAGO WB CITY		.03	.04	.06	.08	.06	.05	.04	.08	.18	.08	.02	.05	.05	.08	.03	.01		.02	.04	.03	.08	.09	.09	.08	1.37
CISNE BROWN CAMP		.13	.07	.05	.15	.04	.01				.02	.03			.02	.02	.01	.02	.03		.05		.03		.02	.70

See reference notes following Station Index

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
COLLINSVILLE		.02	.11	.06	.03	.01	.03	.04																		.30
COULTERVILLE		.50	.10	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CRETE		.07	.05	.05				.03	.12		.02	.01	.02	.04	.10	.06	.03	.02	.01	.02	.02	.03	.03	.11	.08	.92
DANVILLE HOSPITAL		.09	.11	.07	.07	.06	.04	.24	.12								.09	.01		.03	.02	.02	.02	.01		1.00
DIONA		.06	.06	.09	.12	.15	.15		.05					.03	.01	.01		.02	.01	.01	.01					.78
DOUGLAS			.08	.02			.14	.14							.01	.01										.40
DOWNS 2 NE		.05	.05	.05	.14		.01		.10	.10		.03	.02				.03									.58
DWIGHT STATE REFORM			.02	.05			.04	.01	.05		.05		.04	.04	.02	.03	.02		.05		.02	.02	.01	.05		.52
EFFINGHAM CAA	//	.09	.10	.24	.30	.28	.09			.01					.05				.08					.02		1.26
FAIRBURY WATER WORKS	//	.06	.04	.05	.02	.10	.03	.07	.05	.05	.05	.05		.07	.02						.08	.02	.02	.01		.79
FARMER CITY		.05	.03				.02	.05		.05	.02	.01	.02				.03				.02					.30
FREEPORT SEWAGE PLANT							.01	.02	.07	.02	.01	.02	.06	.01							.01	.01				.24
FULTON DAM 13		.04	.01		.05	.05		.05	.13	.02	.05	.04	.01													.45
GALATIA		.05	.10	.50	.05	.09	.01						.01	.01	.03	.03	.05	.02	.04	.03	.03	.01	.01		.01	1.08
GLENDALE EXP FARM		.24	.08	.23	.26	.11	.01							.03	.04	.05	.08	.08	.06	.06	.03	.04	.01	.02		1.43
GOLCONDA DAM 51		.21	.58	.20	.21	.08	.01							.02	.05	.03	.07	.09	.10	.10	.04	.05	.03	.01	.01	1.89
GREENFIELD		.01		.02		.02	.15	.01																		.21
HOOPESTON		.07	.05	.05	.03	.12	.03	.01	.03	.03	.10				.02	.03	.04	.04	.02		.02	.03		.05	.02	.79
HUTSONVILLE	//	.10	.10	.09	.16	.15	.18	.04								.02	.03	.05		.04	.05	.01	.04	.01	.02	1.09
ILLINOIS CITY DAM 16			.05	.04	.01	.09	.01																			.20
JACKSONVILLE SEWAGE PL		.01		.03	.02	.08	.10	.07																		.31
JOLIET WB AIRPORT	6	*	*	*	*	*	.24	*	*	*	*	*	.28	*	*	*	*	*	.05	*	*	*	,	*	.12	
KANKAKEE SEWAGE PLANT		-	-	-	-	-	-	-	-	-	.01	-	.03	.05	.06	.07	.01	.01	.01				.06	.08	.03	-
KEWANEE BAKER PARK				.03	.02		.05	.10	.10	.05																.35
LANARK		.02	.04	.07	.06	.08	.06	.05	.09	.08	.05	.05	.03	.01	.01											.70
LAWN RIDGE		.02	.05					.03	.04	.01																.15
LOCKPORT LOCK AND DAM		.05	.04	.06				.05	.05	.03	.02	.03	.02	.08	.02				.03	.06	.01	.02	.02	.04	.02	.65
LOUISVILLE		.07	.09	.20	.12	.06	.05	.01	.04	.01	.01	.01	.01	.02		.02	.01	.02	.02	.01			.01		.01	.80
MARIETTA		.05	.05	.03	.01	.08	.13		.02			.02	.03									.01		.01		.44
MASON CITY		.04	.03				.03	.07	.05	.03	.01	.01														.27
MC HENRY			.03	.07	.05	.05	.05	.05	.10	.05	.15	.10	.13	.02	.10			.03	.01	.03	.01		.01	.02	.04	1.10
MOLINE WB AIRPORT	//	.05	.04	.03	.02	.02	.10	.01	.01	.02	.02	.06	.10	.05	.04					.01	.01					.59
MORRISONVILLE		.01	.01	.01		.10		.05																		.18
MT CARMEL WATER WORKS		.48	.20	.30	.31	.09		.01	.01								.05	.05	.05		.10	.08	.05	.02		1.80
MURPHYSBORO WATER WORKS	//	.26	.02	.01		.01				.01		.01		.02	.01			.01	.01	.02	.02					.41
PARIS SEWAGE PLANT		.07	.08	.03	.06	.11	.18	.07	.04	.05	.01						.08	.05	.02	.03	.02	.03	.02	.02	.03	1.00
PEORIA LOCK AND DAM	//	.09	.06	.03	.02			.04	.06	.05												.01			.01	.37
PEORIA WB AIRPORT		.05	.03	.03	.03	.03	.03	.06	.04	.03	.01		.03													.37
PITTSFIELD WATER WORKS		.02	.02		.02	.07				.03	.01	.01														.18
PRINCETON 1 S	//	.02	.05	.03	.02	.03			.02	.03		.01												.01		.22
PROPHETSTOWN		.05	.03	.02	.03		.02	.08	.10	.05	.02	.03	.06	.01	.02	.01										.53
QUINCY CAA	6	*	*	*	*	*	.05	*	*	*	*	*	.04	*	*	*	*	*	.01							
QUINCY DAM 21			.10	.05	.04	.01																				.20
RICHVIEW		.15	.38	.17	.10	.10			.03		.01	.01									.03	.02				1.00
ROCKFORD CAA	6	*	*	*	*	*	.08	*	*	*	*	*	.06	*	*	*	*	*	.05	*	*	*	*	*	.01	
SKOKIE N S TREAT WKS		.02	.02	.03	.02	.02	.05	.03	.05	.08	.10	.07	.07	.08	.10	.02	.02	.03	.03	.05	.08	.05	.03	.03	.05	1.13
SPRINGFIELD WB AIRPORT	//	.04		.05		.01	.01	.03	.01	.01						.02										.18
SPRINGFIELD WB CITY		.02	.01	.05	.01	.01	.01	.07	.02	.02																.22
URBANA EXP FARM		.08	.07	.13	.17	.06	.07	.12	.03	.06	.09	.07	.03	.02	.02	.26	.01				.01		.04	.01		1.35
VANDALIA		.06	.06	.20	.21	.15	.15	.03	.01	.01	.05															.93
WASHINGTON		.11	.04	.03	.03	.02			.09	.06	.05			.03	.01	.01	.02	.01				.01		.01		.53
WATERMAN	//		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WENONA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.04					1.04
														—14th—												
ALEXIS WATER WORKS			.02	.01											.01			.02	.01							.07
AUGUSTA HIGH SCHOOL		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BEARDSTOWN LAGRANGE DAM	//									.01	.01				.01	.01	.01									.05
BELLEVILLE SCOTT AF BSE	//								.02	.01	.01	.01			.01											.06
BELVIDERE SEWAGE PLANT								.01		.01	.01	.03	.02							.04						.12
BRADFORD CAA	6	*	*	*	*	*	.01	*	*	*	*	*	.03	*	*	*	*	*	.04							
CAIRO WB CITY					.02	.04	.13	.06	.04	.01																.30
CAMP ELLIS		.02	.01												.01		.01	.01								.06
CHICAGO LAKEVIEW PUMP		.02	.01	.01	.02		.01	.01	.04	.02	.09	.09	.02				.01	.02	.05	.06	.01		.01			.49
CHICAGO MAYFAIR PUMP ST		.04	.04		.01			.01	.01	.09	.01	.07	.14	.03			.01	.04	.04	.05	.01					.60
CHICAGO ROSELAND PUMP		.04	.01	.01	.01	.02	.03	.01	.06	.16	.19	.05	.01	.01			.01	.03	.10	.04	.01	.01		.01	.02	.84
CHICAGO S FILTER PL		.05	.03	.03	.04	.03	.04	.16	.04	.17	.15	.04	.01	.01	.01		.01	.03	.05	.02	.01		.01	.01	.02	.97
CHICAGO SPRINGFLD PUMP		.04					.04		.07	.01	.14	.17	.06	.01			.01	.05	.09	.07		.01				.77
CHICAGO UNIVERSITY		.05	.02	.04	.04	.03	.06	.03	.06	.08	.16	.11	.01	.02				.04	.07	.01	.02	.03	.01	.01	.01	.91
CHICAGO WB AIRPORT		.04		.01	.01	.02	.04	.05	.06	.05	.26	.10	.02				.01	.06	.10	.02	.02	.04	.01	.01	.01	.94
CHICAGO WB CITY		.08	.04	.01	.03	.06	.09	.03	.06	.06	.10	.11	.03	.01	.01		.01	.03	.08	.03	.02		.01	.02	.01	.93
CISNE BROWN CAMP								.05	.02	.06	.02	.05														.20
COLLINSVILLE								.02	.02	.01	.01	.01														.07
COULTERVILLE		-	-	-	-	-	-	-	-	-	-	-	-													-
CRETE		.03		.03	.02	.03	.02	.03	.15	.08	.05	.01	.02	.02		.05	.07	.02		.01						.64
DANVILLE HOSPITAL		.03	.02	.03	.02		.03	.02	.10		.05		.03	.06	.01											.40
DIONA			.03	.01	.01		.08	.09	.03				.05													.30
DOUGLAS											.02	.02	.01	.03	.01	.01										.10
DOWNS 2 NE															.07	.01										.08
DWIGHT STATE REFORM			.03	.02					.05	.02	.01	.02				.04	.06	.03	.02							.30
EFFINGHAM CAA	//			.02	.03			.07	.03		.05						.01	.04	.04	.05	.01					.20
FAIRBURY WATER WORKS	//		.02												.04	.02	.05		.03							.16
FARMER CITY			.04								.01	.04		.03	.01											.13
FREEPORT SEWAGE PLANT																		.02								.02
FULTON DAM 13					.03	.01	.01																			.05
GALATIA		.01	.01	.01	.01	.03	.03	.06																		.16
GLENDALE EXP FARM					.01	.03	.01	.04	.01	.02	.02															.14
GOLCONDA DAM 51							*	*	*	.23																.23
HOOPESTON		.01	.02	.03	.02	.05	.02	.06	.02	.10	.03	.02		.02	.05	.03										.48
HUTSONVILLE	//	.01	.01	.01						.07	.01	.02	.02	.02	.01											.18
ILLINOIS CITY DAM 16		*	*	*	*	*	*	*	*	*	*	*	.10													.10
JOLIET WB AIRPORT	6	*	*	*	*	*	.02	*	*	*	*	*	.01	*	*	*	*	*	.18	*	*	*	*	*	.08	
KANKAKEE SEWAGE PLANT		.02	.01	.03			.03		.01	.08	.06		.02	.02		.04	.04	.03	.01	.02						.42
KEWANEE BAKER PARK													*	*	*	*	*	*	*	*	*	*	*	*	*	*
LANARK								.04				.01	.03													.08
LAWN RIDGE												.03	.02	.03	.02	.02	.01	.01	.01							.15
LOCKPORT LOCK AND DAM		.04	.04	.01	.01			.03	.02		.02	.02	.01				.05	.03	.02							.30
LOUISVILLE			.01	.01		.01	.08	.13	.01	.03	.02	.04														.34
MARIETTA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MASON CITY															.02		.01	.01								.04
MC HENRY		.03							.01		.01	.04	.04	.02			.02		.01	.01	.01		.01	.01		.22
MOLINE WB AIRPORT	//		.01														.01									.02
MT CARMEL WATER WORKS		.03	.02			.03	.02	.02	.03	.10																.25
MURPHYSBORO WATER WORKS	//	.01	.02	.01				.06	.08	.01	.02															.21
PARIS SEWAGE PLANT		.03	.01	.01	.03			.12	.04	.06	.05															.35
PEORIA LOCK AND DAM	//	.01	.01										.01	.01	.01	.04	.01	.05								.15
PEORIA WB AIRPORT														.01	.02	.02	.01	.02	.02							.10
PITTSFIELD WATER WORKS														.02	.02											.04
PRINCETON 1 S	//								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PROPHETSTOWN											.03					.01	.03									.07
QUINCY CAA	6													*	*	*	*	*	.01							
QUINCY DAM 21		*	*	*	*	*	*	*	*	*	*	*	.03													.03
RICHVIEW			.03	.02			.03	.02	.05	.04	.01															.22
ROCKFORD CAA	6	*	*	*	*	*	.02	*	*	*	*	*	.02	*	*	*	*	*	.04							

See reference notes following Station Index

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SKOKIE N S TREAT WKS		.01	.01	.01	.01		.02		.10		.12	.06	.02					.01	.01	.02	.01					.41
SPRINGFIELD WB AIRPORT	//													.01					.01							.02
SPRINGFIELD WB CITY							.01					.01														.02
URBANA EXP FARM			.01	.01	.03	.02	.01					.03	.10	.05	.06											.32
VANDALIA					.03	.01	.01	.03	.04	.08	.08	.02	.02			.03										.35
WASHINGTON										.03					.02	.05	.03	.06		.03					.02	.24
WATERMAN	//	*	*	*	*	*	*	*	*	*	*	*	*	.50			.04	.01	.02	.03						.60
WENONA															.01	.01	.05	.04	.01							.12
														—15th—												
ALEXIS WATER WORKS			.01	.01										.01	.02	.02										.07
AUGUSTA HIGH SCHOOL		*	*	*	*	*	*	*	*	*	*	*	.05													.05
BELLEVILLE SCOTT AF BSE	//								.01	.01	.01	.01														.04
BRADFORD CAA	6							*	*	*	*	*	.06													
CAMP ELLIS		.01	.01																							.02
CHICAGO MAYFAIR PUMP ST														.01												.01
CHICAGO ROSELAND PUMP		.01		.01	.01	.01	.01	.01		.01	.01		.01													.09
CHICAGO S FILTER PL			.01			.01	.01	.01		.01																.05
CHICAGO SPRINGFLD PUMP														.01		.01										.02
CHICAGO UNIVERSITY		.01		.01			.01	.01						.01												.05
CHICAGO WB AIRPORT		.01		.01						.01	.01	.01					.01	.01			.01					.08
CHICAGO WB CITY		.01	.01				.02	.02	.01	.01				.01								.01				.10
CRETE		*	*	*	*	*	*	*	*	*	*	*	.05													.05
DOWNS 2 NE								.03	.02																	.05
DWIGHT STATE REFORM									.02	.02	.01	.03	.02	.02												.12
FARMER CITY							.04																			.04
JOLIET WB AIRPORT	6	*	*	*	*	*	.02	*	*	*	*	*	.02	*	*	*	*	*	.02	*	*	*	*	*	.01	
KANKAKEE SEWAGE PLANT					.01		.01																			.02
KEWANEE BAKER PARK		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.25							.25
LAWN RIDGE																.05	.03		.01	.01						.10
LOCKPORT LOCK AND DAM		.05										.03	.01	.01	.03	.02										.15
MARIETTA		*	*	*	*	*	*	*	*	*	*	*	.06													.06
MC HENRY										.01	.01	.01														.03
MORRISONVILLE		*	*	*	*	*	.03																			.03
PARIS SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	.18													.18
PEORIA LOCK AND DAM	//		.02	.02		.01																				.05
PEORIA WB AIRPORT		.02	.01									.01														.04
PITTSFIELD WATER WORKS												.01	.02		.01											.04
PRINCETON 1 S	//	*	*	*	*	*	*	*	*	*	*	*	*	.49												.49
ROCKFORD CAA	6	*	*	*	*	*	.01																			
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05	.05
SPRINGFIELD WB AIRPORT	//		.01		.01																					.02
SULLIVAN WATER WORKS	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
WASHINGTON			.03	.01	.01																					.05
WATERMAN	//	.01	.01	.01	.01	.01																				.05
WENONA												.05	.03													.08
														—18th—												
BELLEVILLE SCOTT AF BSE	//									*	*	*	.05													.05
CAIRO WB CITY															.02											.02
CHICAGO LAKEVIEW PUMP											.02	.06	.02				.01	.02	.05							.18
CHICAGO MAYFAIR PUMP ST											.03	.06	.02	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01		.22
CHICAGO ROSELAND PUMP												.04	.04				.01	.02	.05	.01	.01		.01			.19
CHICAGO S FILTER PL												.06	.04				.01	.02	.05	.01	.01	.01				.21
CHICAGO SPRINGFLD PUMP												.07	.06	.01	.01	.01	.01	.02	.02	.01	.01					.23
CHICAGO UNIVERSITY											.01	.04	.02	.01		.01	.01	.01	.01							.12
CHICAGO WB AIRPORT											.01	.11	.02					.03	.03							.20
CHICAGO WB CITY											.02	.06	.04	.01			.01	.01	.02	.01	.01					.19
CISNE BROWN CAMP								*	*	*	*	*	*	*	*	*	*	*	.05							.05
COLLINSVILLE										.01	.08	.01														.10
COULTERVILLE											.03	.05	.01	.01												.10
CRETE													.05		.02											.07
DANVILLE HOSPITAL													.05	.04	.04	.01										.14
DIONA													.03	.02	.05											.10
DOWNS 2 NE								*	*	*	*	*	.05													.05
DWIGHT STATE REFORM											.05															.05
EFFINGHAM CAA	//												.03													.03
FAIRBURY WATER WORKS	//										.04	.05														.09
FARMER CITY											.02	.04	.01													.07
GALATIA													.01	.05												.06
GLENDALE EXP FARM														*	*	*	*	*	*	*	*	*	*	.02		.02
GREENFIELD								.02		.01	.01	.01														.05
HOOPESTON													.10	.08	.04											.22
HUTSONVILLE	//														.08	.05	.01									.14
JOLIET WB AIRPORT	6							*	*	*	*	*	.13	*	*	*	*	*	.02							
KANKAKEE SEWAGE PLANT												.02	.02													.04
LOCKPORT LOCK AND DAM										.05	.05	.07		.01	.01	.01										.20
LOUISVILLE											.02	.01	.01	.01												.05
MASON CITY										.05																.05
MC HENRY											.05															.05
MORRISONVILLE											.05															.05
MT CARMEL WATER WORKS							-	-	-	-	-	-	-	-	-											-
MURPHYSBORO WATER WORKS	//												.03	.02												.05
PARIS SEWAGE PLANT												.04	.04	.04	.01											.13
PEORIA WB AIRPORT										.01																.01
RICHVIEW												.01	.02													.03
SKOKIE N S TREAT WKS											.03	.04														.07
SPRINGFIELD WB AIRPORT	//									.01	.02															.03
SPRINGFIELD WB CITY									.03	.01																.04
SULLIVAN WATER WORKS	//										.01	.04	.05	.03	.02											.15
URBANA EXP FARM												.09	.05													.14
VANDALIA												.05	.04	.01		.02										.12
WASHINGTON											.05															.05
WATERMAN	//									.07	.02															.09
														—20th—												
CHICAGO WB AIRPORT									.01																	.01
CHICAGO WB CITY									.01																	.01
PITTSFIELD WATER WORKS																									*	*
														—21st—												
ALEXIS WATER WORKS											.02	.03														.05
AUGUSTA HIGH SCHOOL						.03	.06	.06	.05	.04	.01															.25
BEARDSTOWN LAGRANGE DAM	//			.04	.03	.01	.07	.07	.08	.07	.01	.01	.01		.02	.01		.01						.01		.45
BELLEVILLE SCOTT AF BSE	//	.01	.09	.24	.16	.05	.05	.03	.07	.10	.20	.15	.20	.05	.01	.01	.01		.01	.01	.01	.04	.01	.07	.05	1.63
BELVIDERE SEWAGE PLANT												.03			.03											.06
BRADFORD CAA	6							*	*	*	*	*	.07	*	*	*	*	*	.01							
CAIRO WB CITY								.01								.06	.20	.07	.10	.08	.02	.01	.17	.25	.27	1.24
CAMP ELLIS							.02	.08	.10	.05		.02	.01		.01		.01									.30
CHICAGO ROSELAND PUMP											.03	.01	.01				.02									.07
CHICAGO S FILTER PL							.01				.03					.01	.02									.07

See reference notes following Station Index

HOURLY PRECIPITATION

Table 4-Continued

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
CHICAGO UNIVERSITY										.01																.01
CHICAGO WB CITY											.01					.01	.01	.01		.01						.05
CISNE BROWN CAMP					.07	.08	.10	.18	.20	.16	.18	.08	.05	.08	.15	.09	.05	.01	.02			.07	.07	.06	.03	1.73
COLLINSVILLE			.13	.11	.08	.05	.03	.04	.21	.13	.02	.07	.02	.01			.02	.01				.01	.01		.01	96
COULTERVILLE			.02	.07	.14	.11	.11	.10	.05	.10	.19	.21	.05	.05	.08	.01	.01				.03	.07				1.40
CRETE										.02	.02	.01		.01	.01			.01	.01		.01					.10
DANVILLE HOSPITAL								.06	.05	.04	.03	.02	.01			.05	.03	.01	.01							.31
DIONA					.10	.10	.18	.12	.07	.10	.13	.18	.12	.08	.02			.02	.02	.01					.02	1.27
DOUGLAS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNS 2 NE			.04	.03				.10	.05	.05	.02	.01	.02													.32
DWIGHT STATE REFORM									.02		.04	.01					.03	.02								.12
EFFINGHAM CAA	//			.04	.15	.12	.10	.15	.03	.12	.15	.15	.10	.05												1.16
FAIRBURY WATER WORKS	//							.02		.09	.05	.01				.02										.19
FARMER CITY				.02			.02	.08	.09	.06	.05	.04	.01		.04	.01	.03	.01	.01							.47
FREEPORT SEWAGE PLANT														.01	.01											.02
GALATIA						.03	.03	.04	.01	.04	.05	.03	.05	.08	.09	.10	.10	.05			.09	.11	.20	.05	.23	1.38
GLENDALE EXP FARM						.01		.02					.01	.04	.01	.06	.09	.14	.03	.01	.03	.12	.15	.49	.20	1.41
GOLCONDA DAM 51		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GREENFIELD		.03	.01	.01	.05	.20	.20	.13	.10	.07		.05												.01	.02	.88
HOOPESTON								.03	.02	.07	.06	.02				.02	.01	.01	.01							.25
HUTSONVILLE	//					.01	.13	.11	.07	.12	.08	.10	.15	.13	.07			.03	.01	.04	.02		.02	.02	.01	1.12
ILLINOIS CITY DAM 16								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
JACKSONVILLE SEWAGE PL				*	*	*	*	*	*	*	*	*	*	.45												.45
JOLIET WB AIRPORT	6							*	*	*	*	*	.02	*	*	*	*	*	.01							
KANKAKEE SEWAGE PLANT										.01	.03	.02					.01	.02	.01							.10
KEWANEE BAKER PARK															.03	.02	.02									.07
LANARK											.05															.05
LAWN RIDGE									.08	.07	.02				.01				.01							.19
LOCKPORT LOCK AND DAM																.03	.02									.05
LOUISVILLE					.06	.09	.15	.35	.15	.20	.15	.14	.07	.09	.09	.06	.15	.04	.02	.03	.01		.02	.03		1.90
MARIETTA			.02	.01	.01	.03	.03	.05	.10	.03	.02															.30
MASON CITY						.10		.10	.15	.13	.11	.01	.03	.06	.01											.70
MC HENRY											.05		.05													.10
MOLINE WB AIRPORT	//																							.01	.01	.02
MORRISONVILLE			.15	.02	.03	.05	.15	.13	.27	.15	.08	.02	.02	.01	.01											1.09
MT CARMEL WATER WORKS		.02	.13	.15	.10	.13	.07	.20	.15	.05	.10	.15	.08	.02		.05	.10	.14	.16	.05	.05	.03	.02	.03	.01	1.99
MURPHYSBORO WATER WORKS	//				.02	.04	.04	.01	.02	.04	.01		.02	.07	.04	.02	.02		.01	.04	.15	.18	.08	.04	.02	.87
PARIS SEWAGE PLANT				.05	.10	.10	.10	.10	.07	.05	.09	.06	.02					.02		.01						.77
PEORIA LOCK AND DAM	//					.03	.03	.02	.12	.07	.04	.01	.01													.33
PEORIA WB AIRPORT							.08	.03	.12	.07	.05		.02				.01									.38
PITTSFIELD WATER WORKS		*	*	*	*	*	*	*	*	.35	.03	.02			.02											.42
PRINCETON 1 S	//								.04					.01												.05
PROPHETSTOWN								.01	.01																	.02
QUINCY CAA	6	*	*	*	*	*	.18	*	*	*	*	*	.42	*	*	*	*	*	.01	*	*	*	*	*	.01	
QUINCY DAM 21						.10	.20	.19	.10	.01																.60
RICHVIEW				.08	.07	.13	.14	.12	.09	.07	.15	.02	.15	.08	.10	.05		.02				.12	.01		.03	1.43
ROCKFORD CAA	6							*	*	*	*	*	.05	*	*	*	*	*	.02							
SKOKIE N S TREAT WKS														*	*	*	*	*	*	*	*	*	*	*	.01	.01
SPRINGFIELD WB AIRPORT	//	.02	.02		.02	.03	.02	.13	.14	.08	.06	.01	.04	.02	.01				.01								.61
SPRINGFIELD WB CITY		.14	.01		.03	.04	.03	.15		.20	.05	.03	.07	.05	.03			.01								.84
SULLIVAN WATER WORKS	//			.13	.07	.03	.05	.08	.07	.15	.12	.08	.03			.01	.01		.02	.01	.01					.87
URBANA EXP FARM		.05	.07	.05	.02	.02	.02			.03	.04	.02		.01	.01	.02										.36
VANDALIA			.05	.10	.18	.07	.15	.22	.16	.11	.10	.05	.02		.01	.01	.01	.01		.02	.01				.01	1.29
WASHINGTON			.02				.05		.05	.08	.05	.02														.27
WENONA										.05	.03			.01	.01			.03	.01	.01						.15
ALEXIS WATER WORKS				.01	.03	.01	.01		.05	.03	.02															.16
AUGUSTA HIGH SCHOOL			.04	.04						.01	.01															.10
BEARDSTOWN LAGRANGE DAM	//	.01	.01	.03	.05				.09	.04	.02	.03	.01													.29
BELLEVILLE SCOTT AF BSE	//	.01	.02	.02	.02					.01	.01		.03													.12
BRADFORD CAA	6	*	*	*	*	*	.06	*	*	*	*	*	.02													
CAIRO WB CITY		.32	.26	.18	.08	.01																				.85
CAMP ELLIS				.05	.02	.01				.02	.02	.02	.01													.15
CHICAGO LAKEVIEW PUMP									.01			.01	.01	*	*	*	*	*	*	*	*	*	*	*	.20	.23
CHICAGO MAYFAIR PUMP ST									.01			.01	.01	.01	.02	.02	.02	.02	.03	.01	.01		.01	.01	.01	.20
CHICAGO ROSELAND PUMP												.01	.01	.02	.03	.03	.01	.01	.02	.01	.01			.01		.17
CHICAGO S FILTER PL							.02	.01	.01	.04	.03	.02	.03	.03	.03	.05	.05	.02	.04	.01	.01	.01		.02		.43
CHICAGO SPRINGFLD PUMP										.01		.01	.01	.03	.02	.02	.02	.02	.02	.01	.02	.01	.01	.02	.01	.24
CHICAGO UNIVERSITY							.02	.04	.02	.01	.01	.02	.02	.03	.01	.02	.04	.02	.01	.01	.01					.29
CHICAGO WB AIRPORT			.01			.01	.02	.04	.03	.03	.04	.04	.04	.04	.04	.05	.02	.01			.01					.43
CHICAGO WB CITY							.02	.04	.02	.01	.01	.02	.02	.03	.01	.02	.05	.02	.01	.01	.01					.30
CISNE BROWN CAMP		.07	.09	.01	.08	.05	.02																			.32
COLLINSVILLE		.03	.03	.01	.03		.01	.01	.01		.01	.01	.01													.16
COULTERVILLE		.03	.01	.11	.04	.01																				.20
CRETE							.02	.05	.02	.03	.05	.05	.03	.04	.02	.01	.05		.04	.01		.02				.44
DANVILLE HOSPITAL						.03	.05	.10	.05	.01		.01				.03	.01	.01								.30
DIONA			*	*	*	*	*	*	*	*	*	*	*	*	*	.20										.20
DOWNS 2 NE						.03	.02																			.05
DWIGHT STATE REFORM						.02	.02	.01		.02	.02	.01	.03	.02												.15
EFFINGHAM CAA	//					.03	.02		.03	.02			.03	.01		.01										.15
FAIRBURY WATER WORKS	//		.02	.01	.02	.05	.05		.05	.05	.03	.04	.03	.05	.05		.04	.03								.52
FARMER CITY				.01	.03	.01	.01	.04			.02	.03	.03	.02	.02	.01										.23
GALATIA		.06	.01		.01	.01	.01																			.10
GLENDALE EXP FARM		.22	.04	.06	.05	.08	.02																			.47
GOLCONDA DAM 51		*	*	*	*	*	*	*	*	*	2.17															2.17
GREENFIELD		.02	.03	.02	.03	.01	.01							.02	.03											.17
HOOPESTON										.09	.01		.03	.02	.05	.05		.02	.01	.01						.29
HUTSONVILLE			.02	.02	.06	.03				.01																.14
ILLINOIS CITY DAM 16		*	*	*	*	*	.06																			.06
JACKSONVILLE SEWAGE PL				.03		.02	.01	.07																		.13
JOLIET WB AIRPORT	6	*	*	*	*	*	.07	*	*	*	*	*	.22	*	*	*	*	*	.11							
KANKAKEE SEWAGE PLANT													.01	.01		.01										.03
KEWANEE BAKER PARK				.03	.01	.01			.03	.02																.10
LAWN RIDGE											.01	.02														.03
LOCKPORT LOCK AND DAM								.02	.01	.02			.03	.02	.03	.02										.15
LOUISVILLE		.04	.08		.01		.01	.01						.01		.01										.17
MARIETTA				.04	.01	.02			.03	.03	.02	.03	.01		.01											.20
MASON CITY			.03	.02	.04	.01				.03	.06	.01														.20
MC HENRY														.01	.04	.01										.06
MOLINE WB AIRPORT			.02	.01	.01																					.04
MORRISONVILLE			*	*	*	*	*	*	*	*	*	*	*	*	*	*	.45									.45
MT CARMEL WATER WORKS		.11	.08																							.19
MURPHYSBORO WATER WORKS		.01		.01	.08																					.10
PARIS SEWAGE PLANT			.03	.02		.02	.01	.02																		.10
PEORIA LOCK AND DAM				.04	.03	.02			.03	.03	.03	.01	.01		.03											.23
PEORIA WB AIRPORT				.02	.04	.03	.03	.02	.01	.01	.01	.01	.01		.01											.20
PITTSFIELD WATER WORKS								.02	.01	.02	.01	.02		.03		.01	.01									.13
PRINCETON 1 S			.02	.01	.01	.01			.02	.01	.02	.02	.01	.02		.01		.01								.17
PROPHETSTOWN									.03		.01		.01													.05
QUINCY CAA	6	*	*	*	*	*	.03																			
QUINCY DAM 21						.07			.02	.01																.10
RICHVIEW		.02			.09	.01																				.12
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.18	.18
SPRINGFIELD WB AIRPORT		.04	.04	.03	.03	.02	.01	.02	.02	.03	.03	.02	.02					.01								.32
SPRINGFIELD WB CITY			.01	.02	.03	.02	.03			.01	.02	.02		.02	.03											.21

See reference notes following Station Index

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SULLIVAN WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.21							.21
URBANA EXP FARM						.05	.02	.01						.02	.01											.11
VANDALIA		.01				.03	.01	.01																		.06
WASHINGTON		.04	.01		.05	.05					.05	.02	.01	.01	.01											.25
WATERMAN	//									.05	.05															.10
WENONA						.03	.02		.03	.02				.03	.01		.01									.15
														–23d–												
ALEXIS WATER WORKS																					.06	.07	.11	.14	.03	.41
AUGUSTA HIGH SCHOOL																							.04	.05	.01	.10
BEARDSTOWN LAGRANGE DAM	//																								.09	.09
BELVIDERE SEWAGE PLANT																					.03	.03	.02			.08
BRADFORD CAA	6													*	*	*	*	*	.01	*	*	■	*	*	.40	
CAMP ELLIS																								.02	.06	.08
CHICAGO LAKEVIEW PUMP		*	*	*	*	*	*	*	*	*	*	*	.12									.02	.03	.04	.04	.25
CHICAGO MAYFAIR PUMP ST		.01		.01	.01		.01	.01		.01	.01	.01										.02	.02	.06	.07	.25
CHICAGO ROSELAND PUMP		.01		.01		.01		.01		.01		.01									.02	.03	.02	.06	.09	.28
CHICAGO S FILTER PL																					.02	.06	.02	.06	.10	.26
CHICAGO SPRINGFLD PUMP		.01	.01	.01	.01	.01	.01														.01	.02	.05	.05	.06	.25
CHICAGO UNIVERSITY																							.05	.01	.06	.12
CHICAGO WB AIRPORT																				.01	.04	.05	.04	.03	.05	.22
CHICAGO WB CITY																				.01	.02	.04	.03	.05	.05	.20
CRETE																					.04	.03	.02	.03	.05	.17
DANVILLE HOSPITAL											.04															.04
DWIGHT STATE REFORM																				.03	.02	.02	.03	.05	.05	.20
FAIRBURY WATER WORKS	//																					*	*	*	*	■
FREEPORT SEWAGE PLANT																					.02	.02	.02			.06
FULTON DAM 13																			.03	.03	.05	.02				.13
ILLINOIS CITY DAM 16														*	*	*	*	*	*	*	*	*	*	■	*	*
JACKSONVILLE SEWAGE PL																									.04	.04
JOLIET WB AIRPORT	6													*	*	*	*	*	.01	*	*	*	*	■	.34	
KANKAKEE SEWAGE PLANT					.01	.01																.01	.02	.05	.03	.13
KEWANEE BAKER PARK																					.02	.08	.06	.06	.03	.25
LANARK																				.02	.05	.03			.02	.12
LAWN RIDGE																			.01	.01		.01	.03	.04	.03	.13
LOCKPORT LOCK AND DAM																					.05	.02	.03	.03	.05	.18
MARIETTA																								.03	.08	.11
MC HENRY																						.02	.01			.03
MOLINE WB AIRPORT	//																	.01	.02	.02	.01	.04	.08	.06		.24
PARIS SEWAGE PLANT										.04																.04
PEORIA LOCK AND DAM	//																					.03	.02		.08	.13
PEORIA WB AIRPORT																					.05	.06	.05	.02	.10	.28
PITTSFIELD WATER WORKS																									.04	.04
PRINCETON 1 S	//																					.01	.05	.09	.11	.20	.46
PROPHETSTOWN																			.01	.02	.02	.05	.05	.07	.01	.23
QUINCY CAA	6																			*	*	*	*	*	.02	
QUINCY DAM 21																								.07		.07
ROCKFORD CAA	6													*	*	*	*	*	.01	*	■	■	*	*	.04	
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	*	*	*	*	.01	.01	.02	.04	.02	.12
WASHINGTON																						.06	.01		.08	.15
WATERMAN	//																			.04	.05	.02	.04	.02		.17
WENONA																							.05	.04	.06	.15
														–24th–												
BRADFORD CAA	6	*	*	*	*	■	.19																			
CAMP ELLIS		.01																								.01
CHICAGO LAKEVIEW PUMP		.04	.01	.01	.01	.01				.01																.09
CHICAGO MAYFAIR PUMP ST		.08	.05	.02	.03																					.18
CHICAGO ROSELAND PUMP		.11	.07	.02	.01	.01			.01		.01	.01														.25
CHICAGO S FILTER PL		.12	.12	.05	.02	.01	.01																			.33
CHICAGO SPRINGFLD PUMP		.07	.04	.02	.03	.01	.02	.01	.01	.02	.01	.01	.02													.27
CHICAGO UNIVERSITY		.10	.07	.05	.01																					.23
CHICAGO WB AIRPORT		.03	.06	.04	.02																					.15
CHICAGO WB CITY		.07	.05	.04	.02	.01																				.19
CRETE		.05	.08	.02																						.15
DWIGHT STATE REFORM		.03	.02																							.05
FAIRBURY WATER WORKS	//	*	.23																							.23
FARMER CITY			.02																							.02
ILLINOIS CITY DAM 16		*	*	*	*	*	.39																			.39
JOLIET WB AIRPORT	6	*	*	*	■	■	.23																			
KANKAKEE SEWAGE PLANT		.04	.02	.01	.02																					.09
KEWANEE BAKER PARK		.02																								.02
LANARK		.02																								.02
LOCKPORT LOCK AND DAM		.05	.07																							.12
MASON CITY		.02	.03																							.05
PEORIA LOCK AND DAM	//	.10	.01	.01																						.12
PEORIA WB AIRPORT		.03	.01																							.04
PRINCETON 1 S	//	.05	.02																							.07
PROPHETSTOWN		.01																								.01
SKOKIE N S TREAT WKS		.03	.03	.02																						.08
SPRINGFIELD WB AIRPORT	//	.02	.01																							.03
SPRINGFIELD WB CITY		.02																								.02
WASHINGTON		.10	.01	.01																						.12
WATERMAN	//	.02		.01		.01	.01																			.05
WENONA		.10																								.10
														–25th–												
ALEXIS WATER WORKS						.08	.09	.03	.05	.04	.01			.02												.32
BRADFORD CAA	6	*	*	*	*	*	.18	*	*	*	*	*	.08													
CAMP ELLIS							.01	.05	.05	.03	.02															.16
DANVILLE HOSPITAL										.06	.02	.01	.01	.01												.11
DIONA							-	-	-	-	-	-	-	-	-	-	-	-	-							-
DOUGLAS		-	-	-	-	-	-	-	-	-	-	-	-													-
DOWNS 2 NE								.03	.02	.03	.02	.02		.01												.13
DWIGHT STATE REFORM								.02	.03	.02	.03	.02														.12
FAIRBURY WATER WORKS	//						.03	.05	.02		.05	.05														.20
FARMER CITY								.03	.10	.02	.03	.02	.01													.21
FREEPORT SEWAGE PLANT											.01				.01											.02
FULTON DAM 13										.05	.02															.07
HOOPESTON									.10	.05	.03	.02														.20
HUTSONVILLE	//												.03	.05	.02											.10
ILLINOIS CITY DAM 16					.02	.01	.02		.04	.04	.02															.15
JOLIET WB AIRPORT	6							*	*	*	*	*	.08													
KANKAKEE SEWAGE PLANT										.02	.02	.01	.01													.06
KEWANEE BAKER PARK								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LANARK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN RIDGE									.06	.01	.08			.01	.01											.17
MARIETTA							.04	.03	.02	.03	.02	.02	.01													.17
MASON CITY								.05	.05	.05	.03	.02		.02	.01			.01								.24
MOLINE WB AIRPORT						.02	.05	.01		.05	.01															.14
PARIS SEWAGE PLANT									.09	.03																.12

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PEORIA LOCK AND DAM	//					.04	.01	.10		.02	.04															.21
PEORIA WB AIRPORT						.03	.05	.05	.05	.04	.03	.02	.02													.29
PRINCETON 1 S	//							.07	.03	.05	.02	.02	.01													20
PROPHETSTOWN						.01	.02	.04	.04	.04	.03															18
SPRINGFIELD WB AIRPORT	//								.01	.03	.02	.02														.08
SPRINGFIELD WB CITY									.01	.02																.03
SULLIVAN WATER WORKS	//									.03	.04	.03														.10
URBANA EXP FARM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.03	.03
WASHINGTON					.02		.03	.03	.06	.01	.03	.02														.20
WATERMAN	//										.01	.02														.03
WENONA							.04	.01	.09	.01	.03	.02														.20
														−27th−												
CHICAGO ROSELAND PUMP																									.01	.01
CHICAGO S FILTER PL																									.02	.02
CRETE																									.02	.02
DOUGLAS																			-	-	-	-	-	-	-	-
DOWNS 2 NE																									.02	.02
DWIGHT STATE REFORM																									.03	.03
FAIRBURY WATER WORKS	//																							.03	.05	.08
FARMER CITY														*	*	*	*	*	*	*	*	*	*	*	*	*
FULTON DAM 13																									.03	.03
JOLIET WB AIRPORT	6																			*	*	*	*	*	.01	
KANKAKEE SEWAGE PLANT																									.04	.04
LAWN RIDGE																			-	-	-	-	-	-	-	-
LOCKPORT LOCK AND DAM																									.05	.05
MARIETTA																				*	*	*	*	*	*	*
MASON CITY																									.03	.03
MOLINE WB/AIRPORT	//																								.01	.01
PEORIA LOCK AND DAM	//																									*
PEORIA WB AIRPORT																								.01	.02	.03
PRINCETON 1 S	//																								.02	.02
WENONA																			-	-	-	-	-	-	-	-
														−28th−												
ALEXIS WATER WORKS						.08	.07	.04																		.19
AUGUSTA HIGH SCHOOL					.03	.02	.04	.01																		.10
BEARDSTOWN LAGRANGE DAM	//			.03	.01	.01	.03	.02																		.10
BELLEVILLE SCOTT AF BSE	//				.17	.19	.02																			.38
BELVIDERE SEWAGE PLANT			.05				.05																			.10
BRADFORD CAA	6	*	*	*	*	*	.07	*	*	*	*	*	.08													
CAIRO WB CITY						.01	.22	.03	.16	.10	.04	.06	.03	.01												.66
CAMP ELLIS						.01	.07	.02																		.10
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP		*	*	*	*	*	*	*	*	*	*	*	.37	.01												.38
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST		*	*	*	*	*	*	*	*	*	*	*	.38	.01												.39
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP		.07				.06	.02	.03	.12	.03	.08	.02		.01												.44
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL		.09				.08	.03	.04	.16	.03	.08	.03	.01	.01												.56
CHICAGO SPRINGFLD PUMP						.01	.03	.05	.11	.05	.10	.01	.02													.38
CHICAGO UNIVERSITY							.05	.14	.08	.02	.09	.01														.39
CHICAGO WB AIRPORT		.02				.03	.06	.07	.10	.03	.09	.02														.42
CHICAGO WB CITY					.01	.02	.01	.05	.16	.03	.06	.03														.37
CISNE BROWN CAMP						.10	.08	.02																		.20
COLLINSVILLE					.15	.18	.02																			35
COULTERVILLE					.10	.23																				33
CRETE		.10				.10	.04	.06	.19	.01	.04	.01	.03	.02												.60
DANVILLE HOSPITAL		*	*	*	*	*	*	*	*	*	*	*	.30													.30
DIONA							.08	.09	.02																	.19
DOUGLAS		-	-	-	-	-	-	-	-	-	-	-	-													-
DOWNS 2 NE						.03	.02	.08																		.13
DWIGHT STATE REFORM		.01	.01		.05	.05		.05	.05	.02	.01															.25
EFFINGHAM CAA	//					.10	.05	.05																		.20
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//	.12		.02		.01	.02	.03	.06																	.26
FARMER CITY		*	*	*	*	*	*	*	*	*	*	*	.15													.35
FREEPORT SEWAGE PLANT		.02	.04				.04	.11	.03																	.24
FULTON DAM 13		.02		.03	.01	.01	.03	.06	.01																	.17
GALATIA						.14	.01																			.15
GLENDALE EXP FARM						.01	.17	.06	.02	.04	.01		.01	.01												.33
GOLCONDA DAM 51		-	-	-	-	-	-	-	-	-	-	-	-	-												-
GREENFIELD				.02	.02	.01	.03																			08
HOOPESTON		.18						.05	.10	.02	.01															.36
HUTSONVILLE	//								.10	.10	.02	.02	.01													.25
ILLINOIS CITY DAM 16			.02			.05	.05	.08	.02																	.22
JACKSONVILLE SEWAGE PL				.02		.01																				.03
JOLIET WB AIRPORT	6	*	*	*	*	*	.09	*	*	*	*	*	.25													
KANKAKEE SEWAGE PLANT		.03	.01			.01	.03	.10	.10	.06	.01	.01														.36
KEWANEE BAKER PARK		*	*	*	*	*	*	*	*	*	*	*	.30													.30
LANARK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT LOCK AND DAM			.02	.01		.02		.07	.03	.03	.05		.01	.01												.25
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE						.04	.16	.05																		.25
MARIETTA		*	*	*	*	*	*	*	*	*	*	*	.30													.30
MASON CITY						.03	.07			.05	.03															.18
MC HENRY		.01	.01	.12			.01	.05																		.20
MOLINE WB AIRPORT	//			.02	.03	.07	.02	.10	.02																	.26
MORRISONVILLE						.05	.03	.02																		.10
MT CARMEL WATER WORKS							.10	.10																		.20
MURPHYSBORO WATER WORKS	//				.02	.18	.08		.01																	.29
PARIS SEWAGE PLANT							.07	.02	.06	.03	.02															.20
PEORIA LOCK AND DAM	//	*	*	*	*	*	*	*	.20																	.20
PEORIA WB AIRPORT						.01	.08	.08																		.17
PITTSFIELD WATER WORKS					.02	.03	.01		.01																	.07
PRINCETON 1 S	//		.01			.01		.08	.04	.01	.01															.16
PROPHETSTOWN						.02	.11	.05	.05	.02		.02														.27
QUINCY CAA	6	*	*	*	*	*	.02																			
QUINCY DAM 21					.09	.01																				.10
RANTOUL CHANUTE AF BASE	//	-	-	-	-	-	-	-	-	-	-	-	-													-
RICHVIEW						.19	.05	.01																		.25
ROCKFORD CAA	6	*	*	*	*	*	.15																			
SKOKIE N S TREAT WKS				.01		.03	.05	.03	.03	.05	.07															.27
SPRINGFIELD WB AIRPORT	//					.03	.01	.01	.01																	.06
SPRINGFIELD WB CITY				.02		.04	.01	.01																		.08
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//					.02	.04	.05	.02																	.13
URBANA EXP FARM							.05	.07	.05	.01		01														.19
VANDALIA						.15	.10		.03	.02																.30
WASHINGTON			.03	.02	.02		.03	.09																		.19
WATERMAN	//		.01	.02		.01	.06	.06	.08	.02																.26
WENONA		-	-	-	-	-	-	-	-	-	-	-	-													-

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

FEBRUARY 1950

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	30	25	41	44	41	40	41	36	40	44	37	36	34	34	29	32	43	38	30	39	40	33	34	29	17	22	39	39				35.3
	MIN	6	14	9	19	29	35	32	33	29	30	24	32	29	28	20	12	12	17	8	18	25	20	17	-02	2	-10	-05	32				18.4
ALTON DAM 26	MAX	36	35	46	56	51	52	48	44	42	55	49	44	44	35	36	42	47	38	46	50	44	34	55	48	32	36	47	55				44.5
	MIN	22	19	20	22	28	39	33	36	29	25	27	39	34	27	27	22	20	24	18	26	34	22	20	19	14	8	24	35				25.5
ANNA	MAX	31	31	34	46	50	57	54	62	62	52	55	51	59	48	35	41	50	47	46	51	51	52	53	47	47	35	49	55				48.3
	MIN	27	26	16	22	27	44	38	41	36	36	31	42	46	32	28	32	23	33	22	26	40	29	26	30	23	13	24	42				30.5
ANTIOCH	MAX	28	26	35	37	39	40	35	34	39	34	35	31	31	32	31	30	37	34	29	22	33	24	32	27	12	24	37	40				31.7
	MIN	5	16	6	14	21	31	30	28	30	26	23	24	26	29	24	18	11	24	10	11	18	19	8	-04	-07	1	1	24				16.7
AURORA COLLEGE	MAX	29	30	38	40	40	39	38	35	40	39	39	35	35	34	33	29	35	36	30	31	36	32	28	24	14	18	30	41				33.1
	MIN	14	19	10	13	28	34	32	30	31	29	22	28	29	31	25	21	16	13	9	12	19	10	4	-08	-08	-06	-07	25				17.0
BLOOMINGTON NORMAL	MAX	30	30	40	42	42	42	42	38	40	45	45	38	35	34	33	31	42	41	33	33	41	41	37	34	15	21	35	41				36.5
	MIN	14	25	11	23	30	38	37	32	32	30	27	32	32	33	26	15	15	20	14	18	31	24	12	7	1	-12	2	33				21.6
CAIRO WB CITY	MAX	35	35	38	46	52	59	54	62	55	51	58	56	60	43	38	44	49	55	42	53	56	55	53	49	49	36	50	54				49.5
	MIN	33	31	28	30	32	51	43	48	40	40	37	45	43	33	32	30	32	33	29	32	44	32	31	34	26	19	31	42				35.0
CARBONDALE SEWAGE PL	MAX	32	32	36	47	50	66	59	61	63	53	54	52	59	48	39	41	51	49	43	52	52	52	54	50	41	35	50	58				49.3
	MIN	26	29	14	22	24	42	39	38	37	38	31	44	46	33	29	25	23	32	24	24	39	29	28	29	25	14	25	44				30.5
CARLINVILLE 4 E	MAX	32	37	40	50	49	50	49	41	41	51	49	43	42	38	34	39	44	39	39	45	46	43	47	43	21	30	43	50				42.0
	MIN	19	27	11	21	30	41	30	35	33	27	23	36	38	29	25	19	14	28	15	22	35	23	18	14	14	5	20	40				24.7
CARLYLE	MAX	34	34	40	50	51	57	50	48	46	54		45	52	41	34	42	47	45	40	50	50	49	54	48	31	35	48	59				45.7
	MIN	24	25	15	21	26	42	33	36	33	30		33	38	28	25	21	20	29	20	24	37	25	25	21	18	7	22	40				26.6
CHARLESTON	MAX	33	33	41	50	48			47	45	50	50	48	57	48	36	37	44	44	37	40	43	43	47	45	26	26	39	48				42.5
	MIN	24	29	14	24	27			32	34	33	27	37	36	34	27	20	20	30	15	20	32	24	20	19	14	-03	6	35				24.2
CHICAGO HEIGHTS	MAX	33	27	37	38	40	40	37	35	41	42	43	37	37	39	35	34	36	36	29	31	36	33	28	20	10	17	33	34				33.5
	MIN	20	20	12	17	35	36	31	29	33	30	27	29	29	30	26	21	17	21	9	12	27	13	11	0	-02	-05	-02	29				19.8
CHICAGO UNIVERSITY	MAX	32	31	37	34	42	40	35	36	37	41	39	32	32	34	29	31	37	36	25	27	37	27	32	23	17	24	35	42				33.0
	MIN	26	19	14	24	32	34	32	30	33	33	30	29	28	29	24	22	23	23	16	14	27	19	15	2	3	6	8	28				22.3
CHICAGO WB AIRPORT	MAX	32	30	37	40	40	40	36	36	41	41	42	35	33	35	30	29	37	36	25	27	38	27	30	23	14	20	35	40				33.2
	MIN	18	15	13	18	28	34	32	29	28	30	27	29	30	28	22	19	16	23	12	14	27	15	9	0	-02	0	0	25				19.3
CHICAGO WB CITY	MAX	32	32	37	34	42	43	36	37	41	41	38	34	33	36	32	30	34	38	25	27	39	28	32	26	15	22	34	42				33.6
	MIN	25	19	16	26	32	35	32	31	35	34	31	30	29	30	27	22	27	25	19	16	27	21	19	4	3	6	15	28				23.7
CICERO	MAX	32	31	39	39	40	41	36	36	43	40	44	35	34	35	34	33	38	36	30	24	37	29	35	29	18	25	33	44				34.6
	MIN	20	19	12	20	25	34	33	30	32	29	26	30	29	32	26	20	18	25	14	15	20	22	12	1	-01	2	2	27				20.6
DANVILLE	MAX	33	32	38	43	46	45	42	39	40	49	49	40	40	40	33	35	40	47	30	30	41	40	37	43	18	22	35	44				38.3
	MIN	24	22	14	25	27	39	32	30	34	32	25	35	33	32	28	19	21	21	12	14	29	21	14	14	6	-04	1	34				22.6
DECATUR	MAX	32	32	42	42	43	45	46	39	39	52	49	40	40	40	31	38	46	38	37	40	44	43	42	40	18	24	41	46				39.6
	MIN	20	23	15	26	29	40	31	32	33	30	25	36	34	30	26	19	18	24	14	20	34	25	18	14	7	-05	10	34				23.6
DIXON	MAX	30	26	38	40	39	39	43	37	39	41	39	34	33	33	30	33	38	34	28	27	34	29	31	25	15	20	32	42				33.2
	MIN	3	18	5	9	22	35	29	31	31	25	22	28	27	29	21	12	7	20	8	11	21	21	14	-03	-03	-13	-03	28				16.3
DU QUOIN	MAX	32	33	37	47	50	65	55	58	58	52	54	49	59	45	35	41	48	49	42	51	47	50	54	48	39	34	49	59				47.9
	MIN	27	28	15	29	28	46	39	41	37	36	33	44	44	33	29	24	22	35	23	25	24	30	27	27	23	12	24	42				30.3
EAST ST LOUIS	MAX	33	35	44	57	54	57	47	53	47	58	51	47	46	40	36	43	48	42	43	53	48	48	56	50	34	33	48	56				46.7
	MIN	25	27	18	25	31	45	36	39	36	32	31	41	40	31	28	23	24	34	24	28	40	27	27	22	21	11	27	43				29.9
EFFINGHAM CAA	MAX	34	32	39	51	46	54	46	44	39	51	47	42	57	45	32	38	43	44	37	40	45	37	47	44	21	28	40	49				41.9
	MIN	25	19	14	22	27	39	33	34	34	33	28	39	39	29	26	23	20	23	17	22	35	24	23	19	7	5	14	34				25.3
ELIZABETHTOWN	MAX	32	32	40	49	54	62	54	62	62	53	59	60	62	56	36	44	49	59	45	52	54	50	53	52	46	36	50	53				50.6
	MIN	30	29	18	24	27	48	38	41	37	39	34	43	49	36	30	25	23	34	26	26	28	30	28	33	26	12	12	41				31.0
FAIRFIELD	MAX	33	35	37	37	52	56	58	57	57	53	54	46	50	50	34	40	45	50	40	50	50	50	52	48	41	42	44	56				47.0
	MIN	27	27	14	23	24	42	38	38	36	35	30	40	34	34	28	28	20	31	28	24	24	29	25	26	21	10	21	39				28.4
FLORA	MAX	35	35	38	48	51	60	57	50	56	53	51	46	60	47	35	40	45	47	40	43	42	49	52	50	31	33	43	53				46.1
	MIN	26	30	11	22	26	44	36	35	30	33	30	42	43	35	29	24	21	33	22	24	35	29	27	25	21	8	20	37				28.5
FREEPORT	MAX	28	24	36	38	38	38	40	35	40	38	35	33	30	33	30	32	34	34	27	26	31	29	31	28	12	23	33	39				32.0
	MIN	-07	11	-02	3	18	30	29	31	29	25	20	24	25	25	17	13	9	19	6	7	20	18	8	-05	-06	-05	-03	29				13.9
FULTON DAM 13	MAX	24	24	38	38	41	41	42	36	37	42	40	35	32	31	32	31	36	36	26	30	32	29	27	26	13	18	33	38				32.4
	MIN	2	16	4	11	23	33	30	32	31	28	22	23	27	27	25	15	8	18	10	13	24	21	16	-02	1	-04	-04	32				17.2
GALESBURG	MAX	29	28	41	47	41	40	42	36	41	46	39	35	33	33	29	32	42	36	33	39	41	32	36	19	21	21	38	40				35.4
	MIN	7	12	9	17	30	36	34	33	31	29	27	31	30	27	21	12	14	14	10	17	26	19	12	-01	2	-11	0	27				18.4
GALVA	MAX	28	28	40	41	42	40	41	36	41	45	39	36	37	37	33	35	39	37	30	35	40	35	35	33	15	21	35	40				35.5
	MIN	6	14	5	20	27	35	31	31	31	28	26	30	30	28	19	12	8	17	9	14	28	20	12	-02	1	-11	0	31				17.9
GOLCONDA DAM 51	MAX	33	35	35	44	51	60	50	61	58	50	55	53	59	42	35	41	48	55	44	50	58	52	52	45	46	32	48	52				48.0
	MIN	30	25	18	24	25	44	40	41	36	37	33	41	42	32	28	24	26	31	26	28	28	29	24	31	22	21	26	40				30.4
GREENVILLE	MAX	33	34	42	50	49	52	48	44			55	43	46	40	34	41	46	41	41	47	45	45	52	45	26	35	45	53				43.5
	MIN	25	27	15	22	26	42	32	36				39	39	31	26	21	19	30	18	23	35	25	24	20	18	7	22	38				26.4
GRIGGSVILLE	MAX	29	33	44	50	52	51	43	40	45	51	46	40	47	35	37	40	42	41	41	44	50	37	41	48	20	32	45	49				41.9
	MIN	11	20	15	25	25	30	28	30	28	25	26	32	30	25	28	15	17	23	11	19	34	19	19	7	9	0	19	36				21.6
HARRISBURG	MAX	33	32	34	45	54	66	54	62	62	52	53	50	62	49	36	40	40	55	43	53	51	52	54	47	40	30	50	58				48.5
	MIN	28	23	15	27	28	40	40	39	37	38	29	42	46	35	30	25	28	32	26	28	37	30	28	30	26	13	23	42				30.9
HAVANA	MAX	32	30	41	43	45	43	46	37	41	47	44	42	36	34	32	37	43	38	36	41	44	40	40	38	17	23	41	44				38.4
	MIN	13	21	10	21	26	38	33	32	33	27	25	34	32	30	27	18	17	24	14	20	35	22	13	7	6	-03	5	36				22.0
HENRY	MAX	30	30	40	45	40	40	38	35	42	45	43	36	33	33	30	31	41	36	31	29	37	29	34	29	15	19	32	41				34.4
	MIN	8	15	11	19	26	35	33	32	30	28	26	31	31	30	20	12	8	17	8	13	28	22	12	1	1	-14	-03	31				18.3
HILLSBORO	MAX	32	34	40	50	48	50	46	44	43	52	48	46	45	42	34	40	46	42	40	45	45	44	49	46	24	33	45	51				43.0
	MIN	22	26	15	23	27	42	32	35	34	30	27	38	40	30	26	20	18	30	16	23	35	24	22	17	16	6	21	39				26.2
HOOPESTON	MAX	31	30	39	43	44	41	39	35	43	49	47	39	37	36	33	30	40	40	31	27	38	37	37	33	21	18	37	42				36.3
	MIN	19	27	11	23	26	38	32	30	33	32	26	33	32	33	27	17	19	20	11	12	24	22	8	8	5	-09	-03	30				20.9
JACKSONVILLE	MAX	31	34	46	51	51	47	47	42	43	55	48	42	39	38	36	40	49	40	40	47	48	45	47	42	18	31	46	49				42.6
	MIN	20	24	11	22	29	42	32	33	34	28	25	36	35	30	28	19	17	29	14	24	38	24	18	10	12	1	20	40				24.8
JERSEYVILLE	MAX	31	34	41	50	52	55	55	44	44	56	57	46	46	40	36	40	47	45	42	48	48	46	50	50	40	33	45	52				45.5
	MIN	22	25	17	24	29	43	32	37	35	28	30	38	32	29	26	20	21	31	18	24	39	24	21	17	18	8	24	40				26.9
JOLIET WB AIRPORT	MAX	31	31	36	43	40	39	39	36	41	41	42	35	34	35	31	29	34	35	28	25	35	27	31	22	13	19	34	41				33.1
	MIN	14	12	9	15	27	31	32	30	28	31	26	30	31	28	18	16	7	18	10	10	25	13	8	-01	-12	-07	-11	24				16.4
KANKAKEE	MAX	32	31	36	42	40	41	40	35	42	45	44	36	33	35	33	29	36	36	28	23	36	31	31	28	14	17	31	42				33.7
	MIN	16	21	11	21	25	36	31	30	31	28	26	29	30	23	25	15	14	20	10	13	21	22	8	4	-01	-09	-05	26				18.7
KANKAKEE 4 W	MAX	31	30	36	39	40	40	38	35	41	44	43	36	34	34	33	27	35	36	25	24	35	35	29	28	11	15	29	39				32.9
	MIN	13	23	10	19	26	35	30	29	32	28	26	29	29	32	25	14	9	19	8	11	20	22	4	0	-01	-14	-11	25				17.6
KEWANEE	MAX	28	28	36	40	38	38	37	37	39	42	36	34	33	32	31	32	36	34	30	32	37	33	33	30	14	22	32	40				33.4
	MIN	5	18	9	16	28	36	32	32	32	28	26	28	29	29	23	13	9	21	9	15	30	20	12	-02	0	-08	-06	32				18.4
LA HARPE	MAX	28	27	43	45	45	43	42	43	42	48	41	40	35	33	31	37	46	42	36	45	45	33	39	37	15	24	42	42				38.2
	MIN	5	13	7	21	30	35	33	33	31	29	25	32	32	28	25	15	16	22	11	21	31	21	17	3	6	-10	12	34				20.6
LA SALLE	MAX	32	28	39	42	41	41	39	36	41	44	41	36	34	35	32	31	39	36	29	30	38	28	35	29	15	20	33	41				34.5
	MIN	9	21	15	16	27	36	33	32	32	29	27	31	30	32	21	14	13	20	11	13	24	21	12	0	-03	-08	-05	31				19.1
LINCOLN	MAX	31	31	40	44	43	44	45	38	39	46	45	40	37	35	31	36	43	36	36	38	44	39	40	37	16	21	40	44				37.8
	MIN	16	20	16	23	28	38	32	33	31	29	26	35	33	30	27	18	18	22	15	20	34	24	14	9	7	-07	6	33				22.5
MARENGO	MAX	28	25	36	38	38	39	39	34	40	37	36	32	31	33	35	30	38	34	28	27	34	26	29	27	14	25	32	43				32.4
	MIN	-01	9	6	9	20	30	30	29	28	26	23	25	27	27	19	16	7	18	7	7	19	16	8	-03	-06	-02	-02	25				14.9
MATTOON	MAX	32	32	38	47	44	48	46	42	39	50	47	42	53	40	31	36	40	32	33	36	44	33	44	44	19	22	37	47				39.2
	MIN	24	21	20	26	28	38	32	33	34	33	30	38	36	29	24	20	21	20	15	23	33	22	21	17	0	-01	7	32				24.1
MC LEANSBORO	MAX	33	33	36	45		62	57	59	61	53	55	53	61	51	36	38	45	54	42	48	50	52	53	50	38	34	48	58				48.3
	MIN	27	29	16	23		36	38	38	35	36	33	43	44	35	29	25	23	32	25	24	37	29	26	28	22	10	23	40				29.9
MINONK	MAX	30	31	36	40	39	39	40	38	40	41	41	37	33	33	32	31	41	38	32	31	39	35	34	32	16	19	32	40				34.6
	MIN	12	22	8	20	29	29	32	31	31	29	27	30	31	30	25	10	11	19	10	13	30	25	8	3	2	-15	2	27				19.0
MOLINE WB AIRPORT	MAX	26	24	39	39	42	39	41	35	37	43	35	35	33	32	27	31	38	37	27	35	34	29	30	15	11	20	40	41				32.7
	MIN	2	12	7	13	30	35	31	33	27	30	24	29	29	27	17	14	12	13	9	15	22	17	15	-02	-08	-12	-02	27				16.6
MONMOUTH AIRPORT	MAX	26	25	40	42	41	40	41	36	40	45	34	35	34	35	35	33	43	36	31	37	41	32	37	32	15	20	38	38				35.1
	MIN	-01	13	9	15	27	35	32	32	30	29	25	31	31	27	26	13	12	18	9	12		20	13	-02	2	-10	2	32				17.9

See reference notes following Station Index

DAILY TEMPERATURES

Table 5--Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MORRIS 3 NE	MAX	31	37		41	41	40	38	35	41	42	40	37	34	35	36	29	37	35	28	24	35	34	31	30	12	16	31	31				33.4
	MIN	11			15	24	34	31	30	32	27	27	29	30	32	25	11	7	20	7	10	19	22	18	- 4	-11	-16	-12	26				17.1
MORRISON	MAX	28	25	40	40	40	39	42	35	40	42	37	35	33	34	30	32	38	34	27	30	35	30	30	24	13	23	35	40				33.3
	MIN	1	15	5	10	25	35	29	32	30	26	23	29	28	28	18	13	6	19	8	12	23	21	16	- 4	- 3	-10	- 6	30				16.4
MORRISONVILLE 1 E	MAX	32	33	40	48	48	50	47	43	41	51	45	45	41	41	33	37	43	36	37	42	45	44	45	45	21	28	42	49				41.1
	MIN	19	26	14	23	29	42	32	35	34	30	27	37	37	32	26	21	19	26	16	16	35	25	17	16	10	4	18	36				25.1
MT CARMEL	MAX	33	32	36	48	53	63	58	55	58	53	54	48	64	57	38	38	43	52	40	45	48	48	52	48	35	34	42	58				47.6
	MIN	27	29	16	23	26	43	38	38	35	35	32	40	44	35	28	24	20	32	24	25	36	29	26	28	22	8	18	37				29.2
MOUNT CARROLL	MAX	26	25	38	40	38	38	42	36	38	40	36	36	36	36	29	33	38	34	27	28	32	29	29	22	11	20	34	39				32.5
	MIN	- 5	13	3	3	19	35	29	32	30	27	20	27	21	27	17	13	4	21	8	9	23	20	14	- 4	- 3	- 5	- 5	30				15.1
MT VERNON	MAX	34	35	40	50	51	61	54	56	50	56	55	46	58	41	34	40	51	47	44	51	48	46	55	45	34	37	49	56				47.3
	MIN	23	23	12	25	21	43	34	36	33	33	35	38	41	30	25	21	18	31	20	21	35	30	24	24	19	6	20	36				27.0
NEW BURNSIDE	MAX	32	33	34	44	52	61	53	62	62	52	54	52	61	47	35	39	50	56	42	52	52	52	52	47	42	33	50	57				48.5
	MIN	27	24	12	20	25	45	39	39	36	37	29	42	45	32	28	24	20	33	24	22	38	28	24	29	23	11	19	42				29.2
NEWTON	MAX	34	35	44	45	46	47	48	41	42	53	51	42	41	43	35	37	39	42	35	41	47	45	43	39	25	27	42	46				41.3
	MIN	24	25	17	29	33	40	33	34	35	33	28	30	31	29	26	27	28	26	27	31	35	28	22	19	13	5	18	34				27.1
OLNEY RADIO STA	MAX	34	32	37	46	50	57	52	50	46	52	51	52	62	53	35	39	46	46	48	44	47	46	50	46	32	32	42	52				45.7
	MIN	27	30	16	22	24	43	37	35	36	35	30	40	42	33	30	26	22	32	22	23	35	28	26	26	22	8	17	37				28.7
OTTAWA	MAX	33	30	39	45	40	40	38	36	42	44	43	36	34	36	32	32	38	35	31	27	37	29	36	30	17	23	31	38				34.7
	MIN	11	19	13	18	27	36	33	32	31	29	26	31	30	32	21	14	13	20	11	13	23	21	10	1	- 3	- 9	- 3	30				18.9
PALESTINE	MAX	35	37	40	50	48	49	49	50	49	52	51	44	60	52	35	39	41	49	39	40	47	46	48	45	27	27	42	50				44.3
	MIN	27	29	15	23	24	41	37	34	33	34	30	39	41	34	29	22	21	27	19	26	35	26	24	25	9	2	13	29				26.7
PANA	MAX	33	31	40	48	49	51	49	42	41	52	49	42	46	43	33	40	44	40	37	41	45	45	48	44	22	28	42	50				42.0
	MIN	19	23	12	22	25	40	30	33	33	28	28	35	37	29	25	19	18	25	13	20	33	23	17	17	10	1	13	35				23.7
PARIS WATER WORKS	MAX	34	32	39	46	47	47	48	41	43	50	49	42	56	48	35	33	42	45	32	36	43	44	42	44	24	20	38	45				40.9
	MIN	25	20	13	24	26	40	33	32	34	33	27	37	35	33	28	20	20	24	15	19	32	23	20	19	8	-11	2	35				23.8
PEORIA WB AIRPORT	MAX	31	27	39	46	41	40	42	36	40	45	45	36	34	35	28	33	41	35	34	36	40	27	34	23	12	18	14	40				34.9
	MIN	10	12	10	21	29	36	33	34	30	30	26	32	32	27	18	15	14	15	13	19	27	13	12	2	- 5	-10	1	29				18.8
PONTIAC	MAX	32	30	38	41	40	41	38	35	40	42	43	36	34	34	32	29	38	36	29	29	38	33	33	31	11	17	31	40				34.0
	MIN	14	20	11	22	27	36	31	31	32	30	27	30	31	31	24	13	11	20	12	9	26	22	12	4	00	- 9	- 4	30				19.4
QUINCY	MAX	30	31	46	48	50	47	41	38	45	52	45	39	35	33	36	40	48	42	42	50	47	33	46	42	20	30	47	45				41.0
	MIN	11	17	17	27	33	34	33	36	31	30	26	34	32	27	26	17	20	25	15	25	31	22	25	8	12	2	23	37				24.1
QUINCY CAA	MAX	28	30	43	51	50	44	41	37	45	51	46	38	34	32	35	39	47	42	40	49	46	30	45	18	17	29	45	45				39.2
	MIN	10	15	10	22	30	31	31	32	28	28	25	32	31	25	22	16	18	18	11	22	26	17	19	7	3	00	18	30				20.6
RANTOUL CHANUTE APF	MAX	31	31	38	44	45	42	39	37	42	48	47	39	37	36	30	31	40	37	32	30	40	30	36	33	16	19	35	43				36.0
	MIN	20	17	14	25	28	36	32	31	33	32	28	33	32	30	18	17	19	19	13	15	30	18	14	11	- 1	- 6	1	32				21.1
ROBERTS 3 N	MAX	30	30	37	40	42	40	38	35	42	47	46	40	35	35	33	29	38	35	30	27	37	37	33	22	12	15	32	40				34.2
	MIN	13	20	11	21	26	36	30	29	30	30	28	30	31	31	25	15	15	19	12	15	23	19	7	5	2	-11	- 6	27				19.0
ROCKFORD	MAX	27	27	39	42	39	39	40	34	40	38	36	33	31	32	33	34	39	33	30	26	33	27	34	26	15	24	33	42				33.1
	MIN	00	17	7	9	25	33	30	32	31	26	22	25	25	29	24	16	8	24	7	8	19	19	11	- 4	- 4	- 2	3	25				16.6
ROCKFORD CAA	MAX	26	24	36	39	39	39	39	35	40	36	36	33	32	33	30	29	36	34	28	23	32	25	30	16	11	22	35	40				31.4
	MIN	- 4	9	4	4	25	31	31	30	26	28	23	25	26	26	17	11	4	16	8	6	20	6	6	- 3	- 6	- 3	- 2	20				13.7
SPARTA	MAX	33	33	40	50	55	65	53	57	58	54	52	50	54	43	34	40	51	47	42	54	50	50	51	49	40	35	50	56				48.1
	MIN	25	26	15	19	26	43	36	38	36	30	31	42	43	30	27	23	21	33	23	24	18	26	25	25	24	11	24	40				28.7
SPRINGFIELD WB AIRPORT	MAX	32	31	40	47	46	44	46	39	37	50	46	40	39	34	33	37	42	37	37	41	45	30	43	33	17	25	42	46				38.5
	MIN	20	17	14	23	32	36	32	34	31	30	25	34	34	28	24	19	19	19	15	22	30	13	16	11	4	00	15	31				22.4
SPRINGFIELD WB CITY	MAX	32	33	41	46	46	46	46	41	38	50	47	41	40	36	35	39	43	38	36	41	47	31	44	37	16	25	42	49				39.5
	MIN	21	24	20	28	32	37	32	35	33	31	32	36	36	30	26	21	24	20	16	23	31	22	21	12	7	2	17	34				25.1
STOCKTON	MAX	22	22	33	35	37	37	38	33	37	37	35	31	29	30	27	29	35	32	24	25	28	25	26	20	7	23	31	36				29.4
	MIN	- 3	9	4	10	20	32	28	30	27	27	21	23	23	25	20	11	6	19	5	6	20	17	13	- 7	- 6	- 5	3	27				14.5
SYCAMORE	MAX	27	25	37	37	38	38	39	33	40	37	38	32		33	32	30	37	32	28	24	35	26	33	24	13	22	34	40				32.0
	MIN	3	11	6	11	24	30	30	28	27	26	23	26		24	16	15	10	18	8	10	19	20	10	- 5	- 6	- 4	00	28				15.1
TABLE GROVE	MAX	29	28	44	47	44	42	42	35	43	49	42	38	33	33	31	36	46	37	36	42	43	33	39	33	13	22	42	42				37.3
	MIN	9	16	13	25	29	35	33	32	33	28	29	33	32	27	25	16	17	20	13	21	33	22	17	5	8	- 6	10	34				21.8
TUSCOLA	MAX	32	33	40	47	47	47	45	41	40	51	47	47	43	41	33	36	42	41	33	36	42	41	40	43	21	21	37	46				39.8
	MIN	22	25	12	23	27	40	33	32	34	32	26	37	35	33	28	19	19	23	13	19	32	24	14	17	10	- 9	- 1	33				23.3
URBANA	MAX	31	32	37	44	42	43	41	38	42	50	47	41	39	37	31	35	39	38	34	34	40	40	38	34	18	22	34	45				37.4
	MIN	21	23	15	25	29	38	32	31	34	33	28	35	32	31	27	18	19	22	14	16	31	22	16	14	7	- 4	1	33				23.0
VIRDEN	MAX	32	32	39	46	47	47	46	43	41	49	46	43	41	39	34	38	43	36	38	43	46	45	44	41	20	29	42	48				40.6
	MIN	20	26	14	22	29	40	32	34	34	28	27	36	36	29	27	19	18	25	15	23	35	24	16	13	13	3	20	37				24.8
WALNUT	MAX	29	26	37	40	40	40	43	36	39	41	37	35	35	33	32	29	43	35	29	29	37	29	30	29	20	15	32	40				33.6
	MIN	5	14	9	15	26	33	31	31	31	28	24	29	29	31	22	13	10	19	9	13	22	21	14	- 3	- 2	-11	- 1	29				17.5
WATSEKA	MAX	31	31	37	42	42	40	38	35	43	46	46	40	40	35	34	28	39	37	30	25	37	37	35	32	17	17	32	42				35.3
	MIN	16	23	12	22	26	38	30	30	33	31	27	31	32	32	27	18	19	20	13	13	22	22	9	7	2	-10	- 8	30				20.3
WAUKEGAN	MAX	28	30	38	37	40	40	35	35	41	36	38	31	31	33	31	31	38	34	29	21	34	26	33	26	13	23	32	41				32.3
	MIN	6	15	7	15	22	31	31	29	28	25	24	26	22	29	24	19	14	27	11	13	21	19	9	- 3	- 7	1	2	27				17.4
WHITE HALL 1 E	MAX	31	34	42	55	51	59	46	46	43	55	55	47	41	38	36	40	47	46	47	47	49	48	49	47	22	34	46	50				44.7
	MIN	22	24	11	21	27	41	31	36	34	26	26	36	35	29	26	19	17	30	16	23	38	23	17	13	16	5	23	39				25.1
WINDSOR	MAX	32	31	38	41	47	49	47	40	41	50	48	43	48	43	33	36	43	41	34	37	43	42	45	43	21	23	39	48				40.2
	MIN	21	26	15	24	26	39	31	32	32	30	26	36	36	31	26	20	18	27	15	20	31	24	18	18	13	- 1	9	34				24.2

See reference notes following Station Index

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ANNA	SNOWFALL	T							T						T																
	SN ON GND	1	1	T																												
ANTIOCH	SNOWFALL													T	T	1.0			T		T	T	1.0		1.0			T	T			
	SN ON GND	2	2	T	T	T	T							6	8	7	7	6	6	6	6	8	9	9	10	10	10	8	4			
AURORA COLLEGE	SNOWFALL								T					1.3	0.5	3.2			0.2		T		1.1	0.2	5.4	0.5						
	SN ON GND	1	T	T					T					1	1	3	3	3	3	3	3	3	3	3	8	9	9	8	5			
BLOOMINGTON NORMAL	SNOWFALL								T						T	0.6			0.4				5.0		0.5	4.5						
	SN ON GND	1	1	T	T											1	T		T				3	-	3	8	5	2				
CAIRO WB CITY	SNOWFALL		T												T																	
	SN ON GND																															
CARLINVILLE 4 E	SNOWFALL															1.0			T				1.6			0.1						
	SN ON GND	T														1	1						2			T						
CHICAGO WB AIRPORT	SNOWFALL	T	T						0.1				0.5	1.3	2.4	1.2	T		1.8	T	0.3	T	4.6	2.4	2.0	T						
	SN ON GND	1	T	T	T	T								2	3	4	4	2	4	3	3	2	6	4	8	8	7	6	1			
DANVILLE	SNOWFALL														T				2.0				4.5		T	3.0						
	SN ON GND	T														T			2	1	T		5	3	1	3	2					
DECATUR	SNOWFALL		T													0.4	T		1.5				3.0			1.7						
	SN ON GND																		1				2	T		2	2	T				
DIXON	SNOWFALL								T					2.0	1.0	0.5	T		T				T	T	2.0	1.0						
	SN ON GND	1	1	1	T									2	3	4	4	3	3	2	1	1	1	1	3	4	4	3	2			
EFFINGHAM CAA	SNOWFALL														T	0.1			T				0.1			T						
	SN ON GND															T			T				T			T						
GALVA	SNOWFALL													1.0	1.0	0.3							2.0		6.2	2.4						
	SN ON GND													1	2	2							2	1	7	9	9	7	T			
GOLCONDA DAM 51	SNOWFALL	T															T							T								
	SN ON GND	T																														
GREENVILLE	SNOWFALL																		1.0				1.0									
	SN ON GND															T							T									
HARRISBURG	SNOWFALL	T	T						T							T			T													
	SN ON GND	T	T																													
HENRY	SNOWFALL												0.5	2.5	1.0	0.5			T				2.2	0.8	4.0	2.0						
	SN ON GND	2	1	1	T								1	2	3	3	3	2	1	1	1	T	2	3	7	9	9	4	1			
JOLIET WB AIRPORT	SNOWFALL	T							T				1.0	1.5	2.6	0.7	T		1.4		T		4.0	3.5	2.3	0.8						
	SN ON GND	1	T	T									1	1	3	3	3	2	3	2	2	2	5	8	11	12	11	10	4			
KANKAKEE	SNOWFALL		T										T	0.5	0.5	0.3			1.0			T	5.2		4.1	1.3						
	SN ON GND	1	T	T										1	1	1	1	1	2	2	1	1	6	4	8	9	9	7	3			
LA HARPE	SNOWFALL														T	0.3							1.5		1.0	1.5						
	SN ON GND	2										T		T	T	T							2		3	3	2					
LINCOLN	SNOWFALL															0.3							4.0		0.6	2.5						
	SN ON GND																		T				4	2	8	4	4	1				
MARENGO	SNOWFALL								T	T				3.8	0.5				0.2			T	0.3	T	2.7				0.5			
	SN ON GND	2	1	T					T					4	4	4	4	4	2	2	2	1	1	1	4	5	5	5	2			
MOLINE WB AIRPORT	SNOWFALL												1.5	0.5	T	T			T			0.2	0.4	2.4	T	2.9						
	SN ON GND	1	1	T	T									1	1	1	1	T	T	T	T	T	1	1	3	5	4	8	T			
MONMOUTH AIRPORT	SNOWFALL													-	-								2.2		6.5	3.5						
	SN ON GND	-	-	-										-	T								1		7	10	10	8	-			
MORRISON	SNOWFALL								T					2.0		0.2							T	0.2	3.0	1.0						
	SN ON GND	2	1	1					-					2	8	2	-	-	1	1	1	1	1	1	4	5	5	4	1			
MORRISONVILLE 1 E	SNOWFALL														T	T			0.3				1.5			T						
	SN ON GND	T	T												T	T			T	T			2	T	T	T	T					
MT VERNON	SNOWFALL	1.0							T																							
	SN ON GND																															
OLNEY RADIO STA	SNOWFALL																															
	SN ON GND	T	T																													
OTTAWA	SNOWFALL	T										T	T	3.5	1.8	0.7			T			T	3.0	T	6.0	2.0						
	SN ON GND	1	1	T									T	3	3	4	4	2	2	2	2	1	4	3	8	10	8	-	3			
PEORIA WB AIRPORT	SNOWFALL	T											T		1.0	0.1			0.1				2.8	2.4	0.5	3.8						
	SN ON GND	1	T	T										T	1	1	T		T				3	T	3	6	5	4	T			
PONTIAC	SNOWFALL													T	1.0	0.5			0.5				3.5		3.5	4.0						
	SN ON GND	T	T	T	T	T								T	1	2	1	1	1	1	T	T	4	2	5	9	9	8	2			
QUINCY CAA	SNOWFALL														T				T				T	T	T	T						
	SN ON GND	T	T												T								T	T	T	T	T	T				
RANTOUL CHANUTE AF	SNOWFALL														1.0	T			3.0				0.7	T	T	2.5						
	SN ON GND	T	T	T									T	T		T	T	T		2	T	T	T	1	T	T	2	2				
ROBERTS 3 N	SNOWFALL	T													1.0	0.1			0.5				1.8		1.3	5.0						
	SN ON GND														T	T			1				2		1	7	-	-	-			
ROCKFORD CAA	SNOWFALL								T					2.8	0.6	0.1	T		T		T	0.5	T	0.8	T							
	SN ON GND	1	1	1	T	T								2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2			
SPARTA	SNOWFALL	T													T				T				T									
	SN ON GND	T	T	T																			T									
SPRINGFIELD WB AIRPORT	SNOWFALL		T												0.2	0.2			0.1				2.1		0.2	1.0						
	SN ON GND														T	T			T				2	T	T	1	1	T				
STOCKTON	SNOWFALL								T		T			3.0	T	T			T			T		T	1.0	1.0						
	SN ON GND	2	1	1	T	T				T				3	3	3	3	3	3	3	3	3	3	3	4	5	4	4	2			
SYCAMORE	SNOWFALL								T	2.0				4.5	0.1	0.7							0.3	0.2	3.0							
	SN ON GND	2	2	1	T	T				2				5	5	5	5	3	2	2	2	2	2	2	5	5	5	3	2			

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Table V-Continued

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
TABLE GROVE	SNOWFALL														T	0.4			T				3.0		1.0	2.7						
	SN ON GND	1	1											T	T				-				3	1	2	4	4	1				
TUSCOLA	SNOWFALL															T			0.8				3.3			3.0						
	SN ON GND															T			1				3	1	T	3	3	2				
WHITE HALL 1 E	SNOWFALL														T				T				-			T						
	SN ON GND														T	T							1			T						

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F°, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Amounts in Table 4 are from recording gages. Traces are not shown.

No Record in Tables 3, 4, 6, 7 and the Station Index is indicated by a dash. No Record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Precipitation measured at 6-hourly intervals, no recording gage.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record.
R Station equipped with recording gage only.
S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published in the June issue of this publication.
T Trace, an amount too small to measure.
V Includes total for previous month.
Z Hourly amounts from a recording gage at the same site may be found in Table 4.

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STATION INDEX

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	[illegible]	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5 7
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5 7
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	7P	7P	PHY'S DEPT AURORA C	2 3 5 7
BARRY WATER WORKS	0445	PIKE	4	39 41	91 03	640		5P	WM G MC NEAL	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	OTTO O SWOPE	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5 7
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5 7
BLUFFS	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
BRADFORD CAA AP	0873	BUREAU	1	41 13	89 37	795		MID	U S CIVIL AERO ADM	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	[illegible]	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD I HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5 7
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1301	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 4 W	1386	MARION	[illegible]	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W L LIPP	3
CHANNAHON DRESDEN IS	1426	GRUNDY	1	41 24	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	MRS LIZZIE NOVACK	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	2 3 5
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PLANT	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	[illegible]		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5 7
DANVILLE HOSPITAL	2143	VERMILION	7	40 08	87 39	[illegible]		MID	LAKEVIEW HOSPITAL	3 4
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 08	87 39	555		7A	BEN BURT	3
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURR COONRADT	2 3 5 7
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		[illegible]	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5 7
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	WILLARD D STAGGS	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNEIAGER	2 3 5
DWIGHT	2497	LIVINGSTON	[illegible]	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA AP	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 27	88 18	357		5P	US FOREST RANGER	2 3
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 31	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	ESTALOY M MC DANNEL	2 3
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5 7
GENESEO	3384	HENRY	6	41 27	[illegible]	[illegible]		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 01	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 41	500		MID	US SOIL CONS SERV	4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5 7
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	[illegible]	360		6A	CORPS OF ENGINEERS	CLOSED
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 53	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5 7
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA L STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	LYDE PITTMAN	2 3 5 7
HARRISBURG DISPOSAL PL	3884	SALINE	5	37 44	88 31			6A	W HARRISON KIBLER	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	[illegible]	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	EWALD R TRIMPE	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5 7
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 40	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4412	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	6P	6P	EDWIN M PORTER	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4
KANKAKEE	4543	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5
KANKAKEE 4 SW	4598	KANKAKEE	1	41 08	87 56	620	6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4635	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	[illegible]	853	6P	6P	CASSIUS C CONGER	2 3
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	[illegible]	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	[illegible]	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	[illegible]	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
LEROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5 7
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5 7
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	GILBERT L WOOD	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL	5380	CLARK	7	39 23	87 42	606		6P	ROY LAWSON	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	CHARLES E FLINSPACH	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	CITY OF MINONK	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5 7
MONMOUTH AIRPORT	5768	WARREN	4	40 55	90 38	770	6P	6P	MARTIN AIRWAYS INC	2 3 5 7
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	GRUNDY	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 49	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 3 5 7
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5 7
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	1	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5 7
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	[illegible]	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 [illegible]	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY RADIO STATION	6446	RICHLAND	7	38 42	88 04	472	5P	5P	RADIO STATION WVLN	2 3 5 7
OREGON WATER WORKS	6492	OGLE	6	42 01	89 20	700		6P	GLENN S EDELMAN	3
OTTAWA	[illegible]	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5 7
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H W GAIDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	[illegible]	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	[illegible]	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
[illegible]	[illegible]	[illegible]	1	41 4[illegible]	88 59	928		5P	W A WOODS	3
[illegible]	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
[illegible]RIA LOCK AND DAM	[illegible]	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5 7
PEOTONE	[illegible]	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
[illegible]	[illegible]	LA SALLE	1	41 20	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	[illegible]	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
[illegible] CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	[illegible]	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	[illegible]	PIKE	4	39 27	90 50	[illegible]		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	[illegible]	6P	ROGER WILLIAMS	2 3 5 7
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	[illegible]		MID	LEWIS TEBEAU	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	[illegible]		MID	[illegible] W BRYANT	3 4
[illegible]	[illegible]	PEORIA	1	40 57	89 47	[illegible]		6P	FRANK S STEWART	
[illegible]	7014	WHITESIDE	[illegible]	41 40	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	1	39 57	91 24	[illegible]	7P	7P	A H GIBSON	2 3 5
[illegible]	7072	ADAMS	4	39 [illegible]	91 11	[illegible]	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
[illegible]	7077	ADAMS	1	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 24			7A	[illegible] BRINKHELTTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 18	88 09	744	MID	MID	US AIR FORCE	2 3 4 5 7
[illegible]	[illegible]	RANDOLPH	[illegible]	[illegible]	[illegible]	441		[illegible]	[illegible]	
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	541		MID	MRS MABEL F MARTIN	3 4
ROBERTS 1 N	[illegible]	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5 7
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	[illegible]	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA AP	[illegible]	WINNEBAGO	6	42 21	89 03	743	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAM	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE	7603	JASPER	7	38 56	88 01	448		7A	JUDSON E CAMERON	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	[illegible]	37 43	88 10	350		6A	JAKE H STEWART	3
[illegible]	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	
SKOKIE N S TREAT WORKS	7990	COOK	[illegible]	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	1	38 08	89 42	538	6P	6P	HOWE N MORGAN	2 3 5 7
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6 7
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	3 4
STICKNEY W S TREAT WKS	8278	COOK	1	41 49	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	[illegible]	JO DAVIESS	1	42 21	90 0[illegible]	[illegible]	5P	5P	E A CURTISS	[illegible]
STREATOR	8353	LA SALLE	1	41 07	[illegible]	[illegible]		7P	H W PRAECKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	[illegible]	[illegible]	[illegible]		MID	[illegible]	4
SYCAMORE	8452	DE KALB	1	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3
[illegible]	8460	FULTON	1	40 [illegible]	90 26	[illegible]	7P	7P	C A HAMMOND	2 3 5
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W [illegible]	
TISKILWA	8604	BUREAU	1	41 18	89 30	[illegible]		6P	ORVILLE L WEAVER	3
[illegible]	[illegible]	[illegible]	1	[illegible]	89 52	[illegible]		6P	ERNEST R ROBSON	3
[illegible]	8684	DOUGLAS	7	[illegible]	[illegible]	[illegible]	[illegible]	6P	PERRY STACKHOUSE	2 3
URBANA	8740	CHAMPAIGN	7	[illegible]	88 13	[illegible]	7P	7P	STATE WATER SURVEY	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	CLOSED
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	[illegible]		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE		38 58	89 07	[illegible]		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	[illegible]	6P	6P	E M WATKINS	2 3 5
WALNUT	[illegible]	BUREAU	6	[illegible]	[illegible]	[illegible]	6P	6P	CARL F NELICK	2 3 5
WARSAW	[illegible]	HANCOCK	4	[illegible]	[illegible]	[illegible]		5P	CHARLES EWING	3
WASHINGTON	[illegible]	TAZEWELL	1	40 42	89 25	[illegible]		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	[illegible]	38 20	90 09	[illegible]		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 46	[illegible]		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	[illegible]	7P	7P	[illegible]	2 3 5
WAUKEGAN	9029	LAKE	[illegible]	42 21	87 51	668	7P	7P	[illegible]	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	98 35	[illegible]		7A	PAUL F NICHOLS	3
WENONA	9090	MARSHALL	1	41 03	89 03	[illegible]		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 [illegible]	9140	FRANKLIN	4	37 52	89 48	[illegible]		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	[illegible]	[illegible]	1	41 [illegible]	[illegible]	[illegible]		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	[illegible]	GREENE	1	39 26	90 23	[illegible]	6P	5P	OSCAR WATT	2 3 5 7
WILCOX	[illegible]	CLAY		38 38	88 18			7A	E LOWELL ROUTT	3
[illegible]	[illegible]	[illegible]		39 26	88 36	[illegible]		6P	MRS HERBERT ROSE	2 3 5
				NEW STATIONS						
[illegible]	[illegible]	MC LEAN	1	[illegible]	[illegible]				[illegible] WILLIAMS	3
[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]			[illegible]	

† [illegible] 1 Illinois; 2 Kaskaskia; 3 Lake Michigan; 4 [illegible] 5 Ohio 6 Rock; 7 Wabash

See reference notes following Table 7.

WBO KC 3-31-50 1,200

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

ILLINOIS

MARCH 1950
Volume LV No. 3



KANSAS CITY: 1950

ILLINOIS - MARCH, 1950

G. R. Justema, Acting Section Director - Springfield

WEATHER SUMMARY

March was a cold, cloudy, and rather windy month on the whole. The mean temperature for the State was 37.5°, or 3.4° below normal, this being the first month since September 1949 to average colder than normal. Precipitation totaled less than average for March, except in the extreme south.

Strong winds and falling temperatures prevailed as the month began. Temperatures dropped still lower on the 2d, the coldest day of the month. Below-zero readings were common on the 2d in the northern third of the State; Stockton reported -8°, lowest temperature for the month. Warming began on the 3d, and unseasonably high temperatures were the rule from the 4th through the 7th. A cold spell moved into the State on the 8th, and below-normal temperatures persisted for the following two weeks.

Little precipitation of consequence was reported before the 7th, when light to moderate showers occurred. From the 10th through the 12th moderately heavy rain fell in the south, while many northern localities received several inches of snow.

During the latter half of March precipitation occurred more frequently, although amounts were light on most days. The more important precipitation during this period was registered between the 19th and 22d, on the 26th-27th, and on the 31st. Over two inches of rain fell in much of the extreme south on the 26th-27th. A hailstorm struck the Rock Island-East Moline area on the 26th, damaging several greenhouses.

Temperatures were near or above normal from the 23d through the 25th, and well above seasonal on the 26th-27th, the warmest days of the month. On the 26th, afternoon temperatures reached the 70's and low 80's, except in the extreme north. Griggsville and Jacksonville each registered 83°, the highest for March. Rather cold weather again prevailed after the 27th until the 31st.

Windstorms on the night of the 26th caused minor property loss at Lincoln and damaged many roofs in Hamilton County. Two small tornadoes hit rural areas of Champaign County on the afternoon of the 26th, destroying a few farm outbuildings and downing a power line; property loss was estimated at $2,000.

Winter wheat and other grains and legumes came through the winter in poorer condition than usual, the Bureau of Agricultural Economics reported. Oat sowing was started in some central and southern areas during the last week of March, but was interrupted by rain. Although precipitation generally was below normal, soil moisture was excessive in many areas, and little field work was accomplished during the month.

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ACKNOWLEDGMENT

In addition to the Climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being listed to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
Cairo WB City	-	-	10.8	34	SW	17	-	-	-	-	9	2	3	1	1	1	17	59	6.5	614
Chicago WB Airport	WNW	11	12.4	41	NW	1	73	76	62	70	8	7	8	0	0	0	23	44	7.8	987
Joliet WB Airport	W	11	13.9	-	-	-	79	80	67	76	6	11	5	0	0	0	22	-	7.5	1003
Moline WB Airport	E	13	13.8	60	SW	27	74	75	64	68	10	7	4	0	0	0	21	37	7.6	989
Peoria WB Airport	WNW	14	14.5	47	SW	[illegible]	76	77	61	66	7	8	4	1	0	0	20	40	7.4	936
Springfield WB Airport	SSE	13	16.6	49	S	26	75	79	62	70	8	6	6	1	0	0	21	42	7.4	876

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	34.2	74	-15	3.71	7.6	10
1891	34.4	69	- 2	3.23	7.9	12
1892	36.5	79	5	2.12	3.6	10
1893	38.5	82	- 2	3.22	2.0	7
1894	46.2	85	4	2.91	3.0	7
1895	38.7	85	0	1.50	4.0	8
1896	35.8	79	- 4	1.86	6.8	8
1897	40.5	79	- 2	6.05	5.9	13
1898	43.9	79	0	7.64	2.7	13
1899	34.7	73	- 8	3.06	8.2	11
1900	35.3	83	- 4	1.97	4.1	7
1901	39.7	76	- 1	3.51	2.8	10
1902	43.2	77	- 1	3.44	0.7	8
1903	45.7	80	6	2.96	0.7	8
1904	40.1	80	8	6.39	5.0	12
1905	46.0	84	8	2.28	1.9	8
1906	31.4	66	-13	3.97	12.5	12
1907	48.2	94	15	3.18	2.7	9
1908	45.3	83	13	3.14	0.5	8
1909	39.9	73	5	2.35	1.1	6
1910	52.1	93	11	0.26	T	2
1911	42.1	86	4	1.77	1.5	6
1912	31.5	81	-15	3.38	14.8	10
1913	37.9	82	-12	5.58	6.0	11
1914	38.6	79	1	2.15	2.9	10
1915	35.7	65	4	0.84	3.0	8
1916	38.9	81	- 2	1.98	5.2	8
1917	42.2	84	0	2.85	0.6	8
1918	47.6	89	2	0.95	0.2	5
1919	43.1	77	- 9	3.41	3.4	9
1920	42.5	81	- 5	5.01	1.2	10
1921	50.3	83	8	5.12	0.1	12
1922	43.3	78	7	6.30	3.0	13
1923	37.7	79	-12	4.32	4.5	10
1924	36.6	75	6	2.66	9.9	12
1925	44.1	87	- 5	2.31	2.0	6
1926	35.2	84	1	2.52	9.9	11
1927	44.6	78	10	4.59	1.6	11
1928	41.6	86	5	1.53	2.9	7
1929	47.3	94	8	3.41	0.3	9
1930	40.5	80	7	1.53	5.2	6
1931	37.3	69	12	2.74	8.1	9
1932	34.4	77	- 3	2.31	6.0	10
1933	41.1	80	8	4.13	3.2	11
1934	37.5	79	-14	2.40	7.0	9
1935	47.4	85	4	4.59	1.8	11
1936	44.8	81	5	1.70	1.3	7
1937	37.9	75	8	1.20	3.9	6
1938	49.2	84	7	5.61	0.5	14
1939	43.5	88	8	3.34	0.7	7
1940	38.3	87	0	2.05	1.5	8
1941	36.8	72	- 5	1.20	3.7	6
1942	44.1	81	15	2.92	2.1	10
1943	37.0	83	-19	2.77	4.6	7
1944	37.7	82	- 6	4.26	4.2	12
1945	51.6	88	14	6.40	1.2	12
1946	52.7	84	1	2.80	1.3	11
1947	34.8	72	8	2.44	8.9	9
1948	40.9	85	-14	5.04	4.7	12
1949	41.1	79	5	3.21	2.3	8
1950	37.5	83	- 8	2.38	2.0	10
Period	40.9			3.19	3.8	

See reference notes following Station Index.

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
Aledo	34.2	- 4.7	72	26	00	2		25	1.32	- 1.03	.31	26		2	19	8	2	
Antioch	29.5	- 5.3	59	27	- 5	2		29	2.61	.33	.50	11	5.0	5	11+	10	4	
Aurora College	32.4	- 4.3	64	27	- 1	2		26	2.41	- .16	.67	26	1.9	5	1+	16	4	
Chicago University	33.1	- 2.2	64	26	0	2		21	2.15	- .43	.89	26				15	3	
Chicago WB AP	32.9	- 1.6	64	26	0	2		22	2.01	- .55	.47	26	5.3	2	11+	15	3	
Chicago WB City	33.7	- 2.6	63	27	1	2		21	2.01	- .55	.58	26				15	3	
Cicero	33.9	- 3.9	62	27	0	2		22	2.07	- .63	.60	26	3.7	3	1	15	3	
Dixon	32.1	- 4.8	61	27	- 3	2		26	.78	- 1.62	.36	11	1.5	2	1+	7	1	
Freeport	30.3	- 4.7	59	27	- 5	2		26	1.66	- .43	.52	11	8.8	6	11	18	1	
Fulton Dam 13	31.7	- 3.9	63	27	- 2	2		23	1.27	- .98	.34	11	3.4	3	2+	10	2	
Galesburg	34.5		72	26	- 1	2		24	.99	- 1.66	.48	27	.6	1	19	6	1	
Galva	34.4	- 3.6	71	26	- 1	2		25	.92	- 1.69	.20	26	.8	1	11	9		
Henry	34.3	- 5.4	69	26	1	2		24	1.84	- .88	.60	27	1.2	2	1+	12	2	
Joilet WB Airport	32.4	- 3.8	65	26	0	2		25	1.52	- 1.13	.49	26	3.4	4	1+	16	1	
Kankakee	34.6	- 4.2	69	26	1	2		22	.87	- 1.79	.24	31	.9	3	1+	9		
Kankakee 4 W	34.0		68	26	0	2		24	1.03	- 1.62	.33	26	2.7	5	1	13	1	
Kewanee	33.2	- 4.8	69	26	- 2	2		24	1.20	- 1.42	.62	11	T			5	2	
La Salle	35.0	- 4.2	70	26	1	2		22	1.49	- .95	.46	27	3.7			14	1	
Marengo	30.2	- 4.7	58	27	- 3	2		28	2.16	- .09	.63	11	6.9	6	11	11	5	
Minonk	35.0	- 4.0	73	26	1	2		22	.83	- 1.71	.34	26	T	2	1	4	2	
Moline WB AP //	32.9	- 1.9	70	26	0	2		24	1.09	- 1.22	.28	26	2.5	1	3	11	1	
Monmouth Airport	34.4	- 4.9	71	26	0	2		25	.81	- 1.74	.40	26	2.5	3	19	8	1	
Morris 3 NE	34.4	- 3.8	67	26+	- 1	2		24	.00	- 1.61	.52	26	1.0	3	1+	8	1	
Morrison	32.6	- 4.9	65	27	- 3	2		24	1.02	- 1.36	.29	11		2	3	10	1	
Mount Carroll	31.4	- 4.5	62	27	- 5	2		25	1.44	- .63	.40	11	7.4	4	1+	14	2	
Ottawa	35.1	- 3.8	70	26	1	2		20	1.44	- 1.09	.25	27	1.2	3	1+	12	1	
Pontiac	35.2	- 5.1	71	26	2	2		21	1.22	- 1.56	.67	26	.5	2	1+	11	1	
Rockford	31.1M	- 4.9	52	31	- 6	2		25			.52	11		5	11	7	4	
Rockford CAA	29.6	- 3.9	58	26+	- 4	2		28	1.76	- .74	.54	26	5.6	3	11+	13	1	
Stockton	28.8		58	27	- 8	2		26	1.96	- .08	.72	11	8.0	6	11	10	2	
Sycamore	30.1	- 5.5	61	27	- 3	2		27	1.95	- .64	.62	11	7.4	6	11+	10	3	
Walnut	33.7	- 4.4	64	27	- 1	2		24	1.16	- 1.32	.30	31	T	T	1+	7	3	
Waukegan	30.6	- 4.8	60	27	- 4	2		25	2.66	.21	.52	11	4.6	4	1+	13	6	
DIVISION	32.8	- 4.2							1.52	- 1.04			3.2					
CENTRAL DIVISION																		
Bloomington Normal	37.0	- 3.3	75	26	2	2		20	.75	- 2.40	.19	31	.2			7		
Carlinville 4 E	38.5	- 5.1	79	26	8	2		23	2.37	- .90	.77	11	2.1	1	12	9	4	
Charleston	40.1	- 2.6	75	26	7	2		18	2.54	- 1.11	1.01	27	T	T	1	8	3	1
Danville	37.2	- 3.0	74	26	5	2		18	2.49	- .70	1.25	27	4.5	3	13	12	3	1
Decatur	38.2	- 3.6	79	26	5	2		19	2.13	- 1.29	.41	11	8.9	2	12	14	3	
Effingham CAA AP //	38.4	- 3.4	75	26	10	2		19	3.04	- .63	.75	27	T	T	12+	13	4	
Griggsville	37.6	- 5.3	83	26	4	2		24	.71	- 2.06	.50	20	.3			3	1	
Havana	37.7	- 3.8	80	26	5	2		22	1.63	- 1.08	.36	27	1.8			10	2	
Hillsboro	40.6	- 3.4	78	26	10	2		19	2.68	- .63	.96	11	.6	1	12	10	3	
Hoopeston	35.7	- 4.4	73	26	3	2		21	1.66	- 1.57	.57	27	4.0	4	12	8	3	
Jacksonville	39.3	- 2.9	83	26	8	2		21	2.02	- .81	.54	20	4.5	2	12+	8	4	
Jerseyville	40.7	- 3.2	82	26	10	2		21	2.35	- .89	.92	11	.0			5	4	
La Harpe	36.6	- 3.7	73	26	3	2		24	1.26	- 1.42	.33	19	5.9	3	19	11	2	
Lincoln	37.7	- 3.8	77	26	5	2		19	1.83	- 1.30	.45	31	.5	1	12	14	2	
Mattoon	37.4	- 5.1	73	26	8	2		19	2.75	- .90	.55	12	T	T	29	12	5	
Morrisonville 1 E	39.3	- 3.0	76	26	9	2		18	1.90	- 1.12	.58	11	2.0	1	12	10	3	
Newton	40.7M	- 2.2	78	26	15	2		19	3.80	- .18	1.80	27	T	T	16+	7	4	1
Palestine	40.9M	- 3.5	77	26	11	2		18	4.55	.54	2.40	27	T			9	4	1
Pana	39.4	- 3.3	82	26	8	2		19	2.15	- 1.05	.65	11	1.5	1	12	10	4	
Paris Water Works	39.0	- 2.6	75	26	8	2		18	2.58	- 1.08	1.40	27	T	1	1	7	3	1
Peoria WB AP	34.6	- 3.7	74	26	2	2		23	1.73	- 1.00	.68	26	2.0	T	1+	13	2	
Quincy	38.6	- 4.7	80	26	7	2		19	1.42	- 1.05	.68	19	4.0	3	19	8	1	
Quincy CAA	35.5		81	26	5	2		26	1.23	- 1.28	.48	26	4.5	3	19	7	2	
Rantoul Chanute AF Base //	35.2		73	26	2	2		20	1.69	- 1.48	.40	31	4.0	2	12	12	2	
Roberts 3 N	34.2	- 4.8	71	26	2	2+		22	.95	- 1.85	.18	22+	2.1	2	12	8		
Rushville	37.7	- 4.1	80	26	5	2		23	1.55	- 1.17	.62	27	.0			8	2	
Springfield WB AP //	36.5	- 1.7	78	26	7	2		22	1.75	- 1.42	.52	19	3.7	1	12	13	2	
Springfield WB City	38.2	- 2.0	79	26	8	2		20	1.90	- 1.27	.45	19				11	4	
Table Grove	36.0	- 4.6	80	26	3	2		21	1.61	- .98	.31	20	3.7	1	19	11	3	
Tuscola	38.7		75	26	7	2		20	1.94	- 1.50	.71	27	.5	T	1	11	3	
Urbana	36.5	- 3.7	73	26	5	2		16	1.77	- 1.52	.43	27	3.6	2	12+	13	3	
Virden	38.9		78	26	9	2		20	2.21	- .84	.64	11	2.2	1	12+	9	2	
Watseka	35.5		72	26	3	2		20	1.60	- 1.37	.34	27	2.0	2	12	13	2	
White Hall 1 E	40.3	- 3.1	82	26	10	2		22	1.91	- 1.14	.65	20	1.3			7	2	
Windsor	38.2M	- 4.0	75	26	7	2		23	2.56	- 1.13	.69	27	2.0	1	12	8	3	
DIVISION	37.9	- 3.5							2.03	- 1.12			2.1					
SOUTHERN DIVISION																		
Alton Dam 26	39.7		78	26	12	2		19	3.12	- .24	1.26	11	.6	T	8+	9	4	1
Anna	43.4	- 4.3	76	26	14	2		17	4.77	.37	2.63	27	T			10	4	1
Belleville Scott AF Base //	41.3	- 3.1	78	26	14	2		15	3.13	- .17	.83	11	T			10	5	
Cairo WB City	45.1	- 2.6	77	26	19	2		9	4.98	1.23	2.39	27	T			8	5	2
Carbondale Sewage	44.7	- 2.9	77	26	16	2		14	4.43	.62	2.17	27	T			12	5	1
Carlyle	41.8M	- 3.3	77	26	10	2		16	2.91	- .52	.82	12	T			10	5	
Du Quoin	43.8	- 2.7	75	26	15	2		17	3.48	- .24	1.92	27	.0			7	4	1
East St. Louis	43.1	- 3.3	82	26	13	2		14	3.35	- .08	.85	11	T	T	12+	11	5	
Elizabethtown	45.5		78	26	15	2		14	5.21	.50	3.20	27	T			8	4	1
Flora	42.5	- 3.3	77	27	13	2		16	3.93	.20	1.87	27	.0			5	4	1
Golconda Dam 51	42.8	- 3.7	72	26	16	2		18	6.15	1.34	2.43	27	T			9	6	2
Greenville	40.7	- 3.6	77	26	10	2		18					T			8	5	1
Harrisburg	44.3	- 3.8	80	26	16	2		16	4.74	.58	2.20	27	T	T	22	9	4	2
Mc Leansboro	44.1	- 2.4	77	26	15	2		16	4.31	.34	2.20	27	T			7	4	2

See reference notes following Station Index.

Station	Temperature								Precipitation									
							No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
Mt Carmel	43.4	- 2.5	78	26	13	[illegible]		18	4.85	.52	2.05	27	.0			9	6	1
Mt. Vernon	41.3	- 4.0	75	26	9	2		19	4.73	.85	2.07	27	.0			6	5	1
New Burnside	42.8M	- 4.6	78	26	15	2		15	4.86	.51	2.54	27	T			8	4	1
Olney Radio Station	42.6	- 1.7	76	26	14	2+		15	3.63	- .29	1.59	27	T			6	4	1
Sparta	43.4	- 3.3	78	26	13	2		17	2.94	- .51	1.14	27	T			9	3	1
DIVISION	43.0	- 3.2							4.20	.12			T					
STATE	37.5	- 3 4							2.38	- .81			2.0					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

ILLINOIS
MARCH 1950

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion				T				T	.04			.49	.43				.21				.32	.02						2.15		T			3.66
Aledo		T			T			.07	T			T	T				.01			•	.25	.27	.04	T		T	.31	.24	T			.13	1.32
Alexis Water Wks	R			.05	.01					.06	.06						.08			.19	.04	.15				.06	.50					.06	1.26
Alton Dam 26			T						T			1.26	.03	.56			.50	.62		.13	.55		.03	T				.04		T	T		3.12
Anna								.11	T			.39	.62				.04			.07	.60		.14				.02	2.63		T		.15	4.77
Annawan		T							T								.04				.30	T					.24	.55				.02	1.15
Antioch		T	T	T				.20	T			.50	T				.15			T	.10	T	.41	T	.22		.24	.44	T	.03		.32	2.61
Augusta High Sch	R											.06			.03	.07				.47	.13	.10			.04		.40					.10	1.40
Aurora College		.02			T			.16	.05		T	.21	.02				.01	.11		.01	.03	.02	.26	T	.02		.67	.47	T	.03		.32	2.41
Barry Water Wks				T				T	T			.22	.03	T			.23			.30	.53	.02						.14	T			.10	1.57
Beardstown		T							.04			.07	.09	T			.17	T		.08	.53	.01	.03				T	.55					1.57
Beardstown Lgrng Dam	R										.05	.05	.07			.05	.17			.39	.21	.03	.05					.26					1.33
Belleville Scott AF	Z	T						T	T		.13	.83	.78	T		.03	.06			.52	.04	T	T				.41	.03		T		.30	3.13
Belvidere Sewage Pl	R			.05				•	.05		.23	.22					.08			.06		.15	.25	.09		.09	.72					.15	
Bentley		T		T				T	T			.13	.03			T	T			.40	.03	.02	.11				.17	.29	T			.08	1.26
Benton								.28				.40	.50			.12	.04				.42		.04					2.15				.02	3.97
Bloomington			.07						.08			.10	.19	.02			.03	T			.12	.01	.12				.01	.05		.03			.83
Bloomington Normal		T		T				.03				.18	.08	T			.02	T		T	.13	.12					T					.19	.75
Blurfis								.08			T	.10	.31				.27			.69	.22	.06	.01					.43	.01			.18	2.36
Bradford CAA AP	C	.07	T	.01				.01	.01	.02	.15	.04					.01			.01	.03	.11	T			.05	.23	T	T	T		.12	.87
Brookport Dam 52		.50							.14			.07	1.19	.32			.05				.67		T					1.77	.83				5.54
Cairo WB City	Z							T	T		T	1.07	.35	.01		T	.04			.32	T	T	T	T			.68	2.39		T		.12	4.98
Camp Ellis	R							.02			.05	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canton		T	T	.09				.35				.31	.04				.02	T	T	.10	.16	.15	.03	T	T	T	.42	.64	T			.92	3.23
Carbondale Sewage Pl									.33		.10		.19	.53	T	.01	.02				.46		.09	.01				2.17	.37			.15	4.43
Carlinville 4 E		T						T	T		T	.77	.39	T			.30			.05	.49	.12	T				.05	.14				.15	2.37
Carlyle								T	T		T	.65	.82			.02	.12			.08	.26	.12						.56		.01		.27	2.91
Carmi								.13			T	.40	.50				.12		.01	.02	.28		.08					2.12				.08	3.74
Carpenter 1 SW	R							.20			.17	1.15	.62	.08		.14	.30			.61	.02	.08					.02	.05				.28	3.70
Casey												.62	.63				.21				.25			.10				.33					2.14
Centralia 4 W									T			.50	.60			T	.25			.30	.45	.20						1.27				T	3.57
Chandlerville				T				.10			.05		.08			.26				.43	.34	.14					T	.12	T			.38	1.90
Channahon Dresden Is		.16	.01						.16		T	.22	.08				T	.09	T	T	.05		.10	.02	.01		.37	.04	.11	T			1.42
Charleston		.05						T	T		T	.46	.35				.20				.15		.14					1.01		T		.18	2.54
Chenoa		.02		T				T	T	T	.14	.18	.01				T	T		T	.03	.07	T	T		T	.18		.01			.27	.96
Chester											.50	.30	.58				T	T		T	.70	T	.30						.81	.30				3.82
Chicago Cal Treat	R							.15			-	-					.08	.23		-		.02	.18	.03	.01	.05	.93	.20	-			.24	-
Chicago Lakeview P	R							.26	.04		.20	.26					.07	.16	.01				.17			.08	.73	.13	.01			.38	2.50
Chicago Loyola U								.15			-						.06	.18		-		.02	.26		.02	.10	.85	.01	-	-	-	-	-
Chicago Wayfair P	R							.22	.03		.20	.38					.12	.17	03				.25			.11	1.13	.10	.01	.01		.39	3.15
Chicago N Bra P Sta	R							.13			-	-					.05	.20		-		.03	.22		.01	.09	.91	-	-	-	-	.29	-
Chicago Roseland P	R							.13	03		.22	.22					.11	.13					.08	.02		.07	1.03	.16	.01			.17	2.38
Chicago San Dist D	R							.16			-						.03	.18		-			.19	.01	.02	.05	.63	.02	-	-		.25	-
Chicago San Dist O	R							.13			-						.02	.16		-	-		.20		.02	.06	.71	.04	-	-		.22	-
Chicago S Filter Pl	R							.15	.01		.16	.32					.12	.16					.19	.02		.05	.97	.09	.05	.02		.25	2.56
Chicago Springfld P	R							.23	.03		.18	.32					.06	.19					.27			.08	.94	.10	.01			.39	2.80
Chicago Univ	Z	T		T				.12	T		.15	.21					.09	.19	T	.02	T	T	.17	T	T	.02	.89	T	.07	T		.22	2.15
Chicago WB AP	Z	T	T	T				.18	.01		.25	.14		T			.11	.18	T	.02	T	.01	.21	T	.03	.04	.47	.05	.02	T		.29	2.01
Chicago WB City	Z	T		T				.11	.04		.14	.30					.07	.18	T	.02	T	T	.19	T	.03	.04	.58	.02	.02	.02		.25	2.01
Chillicothe		T		.02				.11	.02	T	T	.12	.07				.02	.02		T	.13	.02	.13		T		.34	.47	T	T		.12	1.59
Cicero		T	T	T	T			.04	.13		T	.38	.10				.10	.11	T	.01	T	.01	.17	.01	.02		.60	.08	T	.05		.26	2.07
Cisne Brown Camp	R										.05	.72	.51			.01	•	•	•	.15	.46						.40	1.12					3.42
Clinton 1 S		T						T	T			.33	.31	T			.20			T	.17		.14				T	.10				.37	1.62
Collinsville	R										.15	1.15	.65			.25				.15	.63						.05				.25		3.28
Coulterville	R										.18	.22	.55			.08				.70	.08	.27					.59	.41				.38	3.46
Crete								.17	.01		.17	.18					.09	.13				.09	.06			.07		.28				.43	1.68
Danville	R	.03						.05	T			.40	.29				.02			.02	.11	T	.08				.05	1.25	.03	T		.16	2.49
Danville Hosp								.05			.10	.32	.30			.01				.08	.05	.08				.10	.40	.83				.17	2.49
Danville Sewage Pl		.21	T						.07	T	T	.09	.20	.21	T		T	T			.08	.06	.09	T	T		.06	.82	.50	.07	T		2.46
Decatur		.01						.06			.05	.41	.38	.02			.23			.22	.14	.12	.07		.03	T		.04	T	T		.35	2.13
Des Plaines 1 NW		T						.14	T			.20	.10				.12	.09		T	.04	.01		.20	.05		.60	.60	T	.04		.22	2.41
Dixon	R										.10	.48	.45				.15				.20	.08					.70	1.00				.25	3.41
Douglas	R	T		T				T	T		T	.36	T				.05			T	T	.01	.04		T		.17	.13	T	T		.02	.78
Downs 2 NE	R										.20	.02								.07		.15				.03	.43						.90
Du Quoin	R							.08			.10	.14								.05		.05	.03				.10					.38	.93
Dwight								.03				.45	.15			.40	.05						.48					1.92					3.48
Dwight St. Reform	R	T						.02	.07		T	.30	.08				T	T		T	.04	T	.07		.04		.46	.26	T			.13	1.47
East St. Louis		T						.17			.17	.19					.05			.02		.07		.03			.32	.14				.23	1.39
Edwardsville								.05	T		.25	.85	.78			.12	.11			.78	.03		T				.03	.02		T		.33	3.35
								.13				.84	.83		T	.04	.03		T	.33	.07	.03	.02							T		.13	2.47
Effingham CAA AP	Z	T						.08	T		.13	.59	.49			.01	.20			.04	.08	.11	.01				.38	.75	T	T		.17	3.04
Elgin		T	T	T	T			.29	T			.42	.07				.23	T		T	.02	T	T		.36		.60	.46	T	.03		.30	2.78
Elizabethtown									T			.52	.58	.14		T	.05			.02	.68	T	.02					3.20		T			5.21
Elsah								.03			•	1.20	.37				.34	.01		.29	.53	.09	T					.05				.10	3.01
Evanston Pump Sta	R							.15			-	-					.05	.15		-		.01	.25		.01	.09	.84	.06	-	-		.30	-
Fairbury Water Wks	R							.11			.10	.28	.03							.04	.05	.07					.30					.28	1.28
Fairfield													1.16						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farmer City	R										.15	.27					.20			.04		.09				•	.40	.10				.49	1.74
Flora												.73	.78				.11				.44							1.87					3.93
Freeport		.02		.05				.15	.01		.04	.52	.02				.05	.01	T	T	.03	.18	.20		03	T	.22	.04	.03	.03		.03	1.66
Freeport S Pl	Z		T		.01				.12		T	.42	.01					.08			T		.32		.03		09	.03	.03	.02			1.16
Fulton Dam 13	Z		T	T	.04				.11	T	T	.34	.02				T	.07			.03	T	.27		T		.21	.15				.03	1.27
Galatia 1 W	R												.40				.05			.30	.28						.85	1.13				.14	3.15
Galena				.04				.10		.03		.35	T				.03			T	T	.03	.04		T		.54	T	T				1.16
Galesburg		T							T			.08								.18	.02	T	T			.02	.21	.48				T	.99
Galva		T		T				.03	T			.15								.02	.01	.12	.09				.20	.18				.12	.92
Geneseo		T		.02				T				T	.12				.04			T	.03	.04	.10				.19	T	T	T		.13	.67
Gibson City		.03							.02			.07	.30				.04	T		.03	.02		T			T	.01	.03	.01	T	.02		.58
Gladstone Dam 18		T	T	.01	.03				.04	T		.07	.63				.04	.03		.20	.17	.02	.12	T			.02	.18		T			.96
Glendale Exp Farm	Z											.50	.63				.05			.69	.13		.04				.93	1.77				.18	4.92
Golconda Dam 51	Z	.30							T	T		.11	.59	.41			.01	T		T	1.03		T	.07				2.73	.90		T		6.15
Golden		T		T					T			.07		T			.11			.20	.54	.08					.62		T				1.62
Grafton									T	T		1.03	.08	.42	T		.38	T		.23	.64	T	.07	T				T		T	T		2.87
Grand Tower 2 N									.24			.28	.92	.05		T	.08			.32	.56	.03	.11					2.31	.14	.09			5.13
Greenfield	R										.06	.81	.26			.09	.21			.52	.08											.10	2.13
Greenup		T						T	T			•	1.10				.15		T	.42	T							1.46					3.13
Greenville								T			T	1.06	.68	T			.27			-	.50	.14	.02					.53		T		.14	-
Gridley		T		T				.03	.08			.11	.12				T	.02		.02	.07		.15				.40	.01	T			.16	1.17
Griggsville									T	.06		T									.50											.15	.71
Hardin												1.04	.48			.14				1.04		T											2.66
Harrisburg								T	.11			.70	.50	.03		T	.05				1.00	T	.03				T	2.30		T		.02	4.74
Harrisburg Disp Pl								.06	T			.42	.26	.59			.03	.02		.07	.92							1.93		T			4.30
Havana		T		T				.16	T		T	.16					.15			.14	.30	.08	.04	T		.10	T	.36	T			.16	1.83
Havana No. 2		T							.11		.07	.09		T		.12	.02		.02	.38		.08				.07	.40		T				1.36
Henry		.09	.04					.42	T		.19	.10					T			.02	.09	.10	.02				.06	.00	T			.11	1.84
Hillsboro								.14	T			.96	.47				.22			.06	.49	.16	.03	T				.02		T		.13	2.68
Hoopeston	Z	T						T	T			.27	.43	.04			T	.09		T	.12		.04				T	.57	T	T		.10	1.66
Hudson Lk Bloomington								.08			.09	.18				.01		.01		.09	.01	.13					.02					.18	.80
Hutsonville	R							.10				.53	.80				.13				.52					.05	1.54	.13					3.60
Hutsonville Pwr Pl		T							.14	T		.48	.04	.60			.03			T	.46	.05	T	T				.91	.58	T	T		3.29
Illinois City Dam 16	Z		.02	.04	.05				.02			.12	.04				.02	.06		T	.04	.02	.12				T	.03		T			.58
Jacksonville	R							.08				.20	.25				.20			.47	.54	.03										.25	2.02
Jacksonville Sewage	R							.10			.02	.26	.06				.10			.84	.07											.25	1.70
Jerseyville												.92	.40				.25				.70	.08				T						T	2.35
Joliet Brandon Rd Dam		.22	.04	T	T				.04	T	T	.02	.10					.08	.04		.06	T	.14	.06	.02		.60	.03	.05	.03			1.53
Joliet WB AP	6	.03	.01	T				.11	T		.13	.23	T				.03	.04		T	.03	.06	.06	T	T	.04	.49	.02	.02	.01		.21	1.52
Kankakee		.02						T	T			.21	.06				T	.01		.01	.04		.09				.19	T		T		.24	.87
Kankakee 4 W		.01	02					T	.08		T	.11	.14	T			T	.03		T	.11		.09	T	.03		.33	.03	T	.02		.06	1.03
Kankakee Sewage Pl	R							.07			.08	.20	.02							.05		.01	.05				.32					.31	1.09
Keithsburg									.30				T				T			.08	.12	T	.17					.29					.96
Kewanee		T		T			T	T	T			.62										.25	.08			.05	.20	T					1.20
Kewanee Baker Pk	R															.06	.03	•	•	•	•	•	•	•	•	.40	.31					.19	.99
Kickapoo		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T	T	.34	.38			.21	.45					.13	-
La Harpe		T		.03				T	T			.07	T				.08			.33	.06	.08	.03			.01	.31	.20	T			.06	1.26
Lanark	R							-			.27	.05					.05			.03	.01	.22	.05			.02	.11					.03	-
La Salle		.04	.T	.01	T			.24	.05	T	.02	.16	.0				.01	.01		T	.03	T	.11				.11	.46	T	T		.15	1.49
Lawn Ridge	R							.09			.09	.13								.05	.10	.18				.43						.17	1.24
Lawrenceville									.1				.6				08				.22							2.48		T			3.58

See reference notes following Station Index.

Table 3—Continued

DAILY PRECIPITATION

ILLINOIS
MARCH 1950

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Le Roy		T							T			.38	.08				.12			.05	.01	.16	.02			.09		.12	.01			.48	1.52
Lincoln		T		T				.11	T		.02	.32	.09	.01			.18			.06	.21	.06	.05	T		.02	T	.24	.01			.45	1.83
Lincoln No. 2			T					.13		T		.19	.03	.09			.05				.02	T	.06	.02			T	.24		T			.83
Lockport Lock & Dam	M							.15			.10	.10					.03	.10		.02		.06	.08				.49	.08				.24	1.45
Lockport Pwr House	M							.17			-	-					.05	.07			.07	.09	.06	.01		.04	.50	.09	-	-		.27	-
Louisville	R										.15	.57	.64				.03	.07		.09	.31	.05	.03				.70	1.05				.20	3.89
Mackinaw		.02						.11				.25					.06	T		.17		.14									.26	1.01
Macomb		T		.03				T	T		T	.08	.01				.12			.26	.09	.08	.07		T	.05	.13	.28	T			.16	1.36
Marengo				.02				.12	T			.63	.03				T			.02	T	T	.30		.06		.29	.37	.02	T		.30	2.16
Marietta	M											.06						.05		.25	.16	.09				.08	.46					.21	1.36
Marion									T			.28	1.60			.02	.12					.05					2.77	T	.74	.07			5.65
Maroa	R								*	*	*	*	*	*	*	*	*	1.70		.14	.05	.17	.03			.02	.30					.38	2.79
Marseilles Lock		.13							.16	T		.17	.12					.03			.04	.01	.14	.03	.02	T	.35	.27					1.47
Marshall												.43	.53	.11			.24				.63		.09					1.53		T			3.56
Mascoutah								.06	T			.82	.83	.03		.15				.03	.55						.58					.02	3.07
Mason City	R										.54	.02				.02	.20			.25		.09				.10						.32	1.54
Mattoon		T						.03			.03	.39	.55				.13			.03	.15	.09	.01				.50	.54		T		.30	2.75
Mc Henry	M							.30			.33	.10					.07	.10	.05	.05		.11	.28	.02	.22		.66	.06				.43	2.78
Mc Henry 2 S			T	T	T			.04	.07			.37	.10				.08	T		T	.12		.34	T	.15		.34	.56	T	.03		.34	2.54
Mc Leansboro									.22			1.00	.45				.07			T	.52		.05					2.00		T			4.31
Medora								T	T		T	.98	.36	.05	T	T	.22			.03	.72	.12	T					.18		T		.15	2.81
Minonk								T			T	.29	T				T				.09						.34		T	T		.11	.83
Moline WB AP	Z //	T	T	.02				.10	T	T	.18	.03					.07			.07	T	.21	T	T	T	.02	.28	.03	T	T		.08	1.09
Monmouth Airport								T				.05					.03			.08		.10	.05			.05	.40					.05	.81
Monticello								.19				.47	.28	.04									.33				.16	.45				.36	2.28
Morris		.15							.09			.15	.13					.05			T	T	.12	T			.42	T	.03				1.14
Morris 3 NE		T		T				*	.08		T	.10	.03				T	.02		T	.02		.10		T		.52	T	T	T		.03	.90
Morrison		.01		.02				.04	T		T	.29					.06			T	.03	.08	.20			T	.23	T	T	T		.06	1.02
Morrisonville	R										.09	.49	.25				.27			.38	.09	.12					.12		*			.15	1.96
Morrisonville 1 E		T						T	T			.58	.30				.22			.10	.43	.10	.03	T			.02	.03		T		.09	1.90
Mt. Carmel									.21	T		.32	.29	.41			T	.10		T	.72	T	.05	T				2.05	.70				4.85
Mt. Carmel Waterwks	R							.25				.43	.37			.02	.06				.20						1.05	1.55				.25	4.18
Mt. Carroll		.02		.07				.26	.01		.01	.40	.01				.16	T		T	.02	.12	.18		T		.14	T	.03	T		.01	1.44
Mount Olive								.24				1.08	.46				.32			.06	.49	.07	.02					.05				.12	2.91
Mount Pulaski		T							T			.10	.15				.38			T	.24		.15				T	.21					1.23
Mount Sterling								.02	T	T	T	.03	.08			.02	.16			1.20		T	.04				T	.39	T			.25	2.19
Mt. Vernon												.83	.79				.38				.48		.18					2.07					4.73
Murphysboro Wtr Wks	R //							.28				.35	.57				.05			.60		.08					1.03	1.29				.15	4.40
Nashville									T		T	.62	.71			.12	.17				.38	.27						.98				.15	3.40
Newark 7 E		T						.16	T			.09	T				T	.18		.07	T		.60		T		.40	.20				.15	1.85
New Boston Dam 17			T	.04	T				.07	T		.06	.02				.02	T		.06	.17	T	.14				T	.03	T				.61
New Boston 2 NW								T			.05	T								.14		.15					.11				T	.45
New Burnside								.08	T			.57	.71	T		T	.03	T		.05	.73	T	T				T	2.54	T	T		.15	4.86
Newton	Z											.69	.62				.15			.05	.39		.10					1.80		T			3.80
Olney Radio Sta												.69	.62				.10			T	.58		.05					1.59		T			3.63
Oregon Water Wks	R							.04				.40						.06			.01		.25	.02		.23	.50	.01	.01				1.53
Ottawa		.02		T				.24	.01		T	.24	T				.02	.01			.05	.07	.16		T	T	.14	.25	T	T		.23	1.44
Palestine		T						.13	T			.52	.57	T			.05				.65		.04	T				2.40		.04		.15	4.55
Pana		T						T	T		T	.65	.28	T			.20			.05	.38	.20	.03		T		.05	.03		T		.28	2.15
Paris Sewage Pl	M							.26			.05	.02	.42				.09				.02	.33					*	*	*	*	*	1.47	2.66
Paris Water Wks									T		.40	.20	.50				.03			T	.03		T					1.40	.02				2.58
Paw Paw		.03		T				.15	.12			.30					.06	.06				T	.17				1.05	.10	T			.40	2.44
Payson								T	T		.15					.20				.20	.42					.02		.16		.10			1.25
Peoria L & D	R //							.10			.10	.10					.04			.25	.05	.15	.03				.53					.25	1.60
Peoria WB AP	Z	.01		T				.09	.01	T	.06	.13	.01				.01	T		.27	T	.20	T	T		.02	.68		.01	T		.23	1.73
Peotone		T	.05					T	.18		T	T	.19				T	.13		T	T	.02	.10	.09			.81	.37	T		T		1.94
Peru		.07							.37		.01	.14	.12					.02					.18				.15	.51					1.57
Petersburg								.10				.25	.07				.30			.05	.47	.07	T						T			.45	1.76
Piper City	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	.50	.23				.32	-
Pittsfield Water Wks								.15				.23	.02			.08	.12			.85	.25						.41						2.11
Pleasant Hill 2 E								.08			T	.57	.07				.20			.76	.24	.02						.32				.07	2.33
Pontiac		.04	T	T				.01	.05		T	.18	.03				T	T		.01	.07	T	.05		T		.67	.01	T	T		.10	1.22
Prairie Du Rocher	R										.05	2.11				.35				1.22							.55	.09				.29	4.66
Princeton 1 S	R //							.07		.03	.15	.11				.07				.03	.02	.15				.04	.61					.21	1.49
Priceville 2 NW		.02										.18	.05			.04				.02	.05	.27	.01		.02	.01	.16	.25				.11	1.19
Prophetstown	M			.04							.17	.06				.06				.05	.01	.30				.01	.09					.11	.90
Quincy				T							.01	.09	T				.08			.68	.12	.07					.21					.16	1.42
Quincy CAA AP	6	T		T					T	T	T	.04	T	T		T	.07			.43	.03	.03	T			T	.48	T	T	T		.15	1.23
Quincy Dam 21	Z			T	T				T	T		.17	.02	T			.12	.02		.17	.66	T	.06	T			T	.09		T			1.31
Quincy Memorial B				T	T							.07	.01				.11	T		.20	.57	T	.05				T	.09		T			1.10
Rantoul Chanute AF	Z //	T	T					.10	T	T	.09	.21	.15			T	.28	.02		.03	.14	.08	T	T		T	.11	.08	T	T		.40	1.69
Red Bud								.02				.50	.57	T			.21	.01		.06	.62	.02					.46	.01		.01		.32	2.81
Richview	R										.02	.10	.63			.07	.10			.32		.12	.05				.35	1.02				.31	3.59
Roberts 3 N		T						T		T	T	.16	.15	.06			T	T		T		.18					.18	.02	.02			.18	.95
Rochelle		T		T				.17					.22				.09			T		.05	.20		T		.16		.05			.32	1.26
Rockford								-	-			.52	T				T	.06		T		.08	.25				.37	.37	T			.12	-
Rockford CAA AP	6	T	T	.02				.22	.03	T	.17	.02					.03	T		T		.16	.18	T	.17	.08	.54		.03	T		.11	1.76
Rock Island Dam 15		T	T	.01	.05				.36	T	T	.22	.02	T			.02	.05		T	.06	T	.22		T		.02	.30	T	T			1.33
Rushville								.11					.02				.10				.42	.07	.01					.62				.20	1.55
Ste Marie		.02	.01						.03			.58	.03	.68			.10	.02			.45	.02	.05					1.17	.51		.03			3.70
Salem												.70					.13			.01	.31		.06					1.42					2.63
Shawneetown New Town		.10							T	T		.10	.30	.60			.02	T		T	.44	T	T	.02	T			2.35	.83		T			4.76
Sidell			.02						.05	T		.13	.16	.43			.08	.03			.10	.02	.06				.10	.77	.26					2.21
Skokie N S Treat W	M							.13			.07	.25					.06	.15		.02		.01	.21	.01		.11	.91	.09	.02	.01		.29	2.34
Sparta								T	T		T	.23	.55	T		.11	.03			.10	.58	.12	T					1.14		T		.08	2.94
Springfield WB AP	Z //	T		T				.01	T		.10	.30	.15	T		.03	.19			.52	.11	.05	.01	T		T	.05	T	.01	T		.22	1.75
Springfield WB City	Z	T		T				T	T		.13	.27	.12			.03	.18			.45	.11	.29	.01	T		T	.06		T	T		.25	1.90
Stickney W Side T W	M							.21			-	-					.05	.20		-		.02	.16	.01	.03	.05	.47	.03	-	-		.34	-
Stockton		T		.02				.22	T			.72					.05			T		.12	.17		.01		.41	.22	.02				1.96
Streator		.02		T				.08	T		.03	.21	.03			T	T	T			.03	T			.08		.37	T	T		.16	1.01
Sullivan Waterworks	R //										.14	.21	.14	.22		.02	.22				.15	.19					.45	.15				.20	2.09
Sycamore				.20					T		T	.62	.01				.11			.06		.02	.22			T	.33	T	.03			.35	1.95
Table Grove		T		.02				T	T		.02	.10	T				.08			.16	.31	.11	T			.27	.24	.04	T			.26	1.61
Taylorville		T										.44	.24				.21			.07	.48	.11	.06					.12	.04					1.77
Tiskilwa		T		T	T			.05			T	T	.05				T			T	T	.02	T			T	.21	.22	T			.20	.75
Toulon		.01		.03				T	T		T	.16	.05				.01			.02	.10	.06	.13			.10	.11	.48				.12	1.38
Tuscola		.01							T			.27	.33				.09			.04	.12		.16					.71	.13	.03		.05	1.94
Urbana		.01						.01	T	T	T	.29	.24	T			08		T	.01	.01		.05				.40	.43	.02	.01		.21	1.77
Urbana Exp Farm	R	T						T	T		.10	.25	.11				.03				.02	.10				.31	.31	.21				.23	1.67
Utica Starved Rock D		.02	.01						.16		T	.17	.05				T	.02			.03		.19	.01			.08	.47					1.21
Vandalia	Z								T	T	T	.75	T	.60			.26			T	.34		.12					.31		T		T	2.38
Virden								.07	T		T	.64	.22				.23			.06	.55	.12	T					.14	T			.18	2.21
Walnut		T		T				T	T	T	T	.28					T			.04		.03	.15			.08	.28		T			.30	1.16
Warsaw																	T			.17	.35	.22				.05						.06	.85
Washington	R			.02				.15			.04	.11	.05				.02			.10		.12				.53						.23	1.37
Waterloo								T				.69	.58	.03			.14			.11	.49	T						.39		T			2.43
Waterman	R //			.04				.22	.05		.20	.10					.08	.02			T	.14	.03			.04	.97					.40	2.29
Watseka		T						.13	.08		T	.15	.25	.05				.06		T	.21	T	.08	T			.03	.34	.02	.01		.19	1.60
Waukegan		T		T				.18	T			.52	.01				.13	.09		T	.03	T	.38	T	.31		.29	.33	.03	.01		.35	2.66
Wayne City									.06			.48	.28	.59			.09	.05			.36	.04						1.43	.36		.03			3.77
Wenona								.13			.10	.20								*	*	*	*	*	*	.56	.33					.16	1.48
West Frankfort 8 E									.09			.27	.45	.10		.20					.42							2.36					3.89
Wheaton College								T			.18	T					T	.25		T	T		.20		T		.80	.25	T			.50	2.18
White Hall 1 E				T				T	T			.61	.12				.23			.23	.65	T	T					.01				.06	1.91
Wilcox									.05			.66		.50						T						1.00	.60	.40	.03				3.24
Windsor		T						T	T			.64	.48	T			.18			.07	.19		.24					.69		T		.07	2.56

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																										
BRADFORD CAA	6														*	*	*	*	*	.07						-
GOLCONDA DAM 51			.01	.01	.02																					.04
ILLINOIS CITY DAM 16									.01	.01																.02
JOLIET WB AIRPORT	6														*	*	*	*	*	.03						-
OREGON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT													.01													.01
PIPER CITY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—2d—																										
JOLIET WB AIRPORT	6		*	*	*	*	*	.01																		-
—3d—																										
ALEXIS WATER WORKS									.01	.03					.01											.05
BELVIDERE SEWAGE PLANT									.05																	.05
BRADFORD CAA	6								*	*	*	*	*	.01												-
ILLINOIS CITY DAM 16						.01	.01	.02	.02	.03																.09
MOLINE WB AIRPORT	//									.01	.01															.02
PROPHETSTOWN														.01		.03										.04
ROCKFORD CAA	6														*	*	*	*	*	.02						-
WASHINGTON										.01	.01															.02
WATERMAN	//							*	*	*	*	*	*	*	*	*	*	*	.04							.04
—4th—																										
ALEXIS WATER WORKS										.01																.01
—6th—																										
RANTOUL CHANUTE AF BASE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
—7th—																										
BELVIDERE SEWAGE PLANT														*	*	*	*	*	*	*	*	*	*	*	*	*
BRADFORD CAA	6								*	*	*	*	*	.01												-
CAMP ELLIS																.02										.02
CARPENTER 1 SW																.20										.20
CHICAGO CAL TREAT WKS																		.02	.02			.11				.15
CHICAGO LAKEVIEW PUMP																			.01			.15	.10			.26
CHICAGO LOYOLA UNIV																		.02	.04			.05	.04			.15
CHICAGO MAYFAIR PUMP ST																		.01	.08	.01	.01	.06	.03	.01	.01	.22
CHICAGO N BRA PUMP STA																	.01	.01	.04			.07				.13
CHICAGO ROSELAND PUMP																		.01				.09	.01	.01	.01	.13
CHICAGO SAN DIST DISPAT																		.02	.03			.08	.03			.16
CHICAGO SAN DIST OFF																		.02	.01			.06	.02			.13
CHICAGO S FILTER PL						.02	.03			.09	.01															.15
CHICAGO SPRINGFLD PUMP														*	*	*	*	*	*	*	*	*	*	*	.23	.23
CHICAGO UNIVERSITY																		.04	.01	.02		.02	.02	.01		.12
CHICAGO WB AIRPORT																		.03	.01			.12	.02			.18
CHICAGO WB CITY																		.04	.01	.01		.02	.02	.01		.11
CRETE																		.04	.05			.02	.06			.17
DANVILLE HOSPITAL																			.05							.05
DOWNS 2 NE																	.03				.05					.08
DWIGHT STATE REFORM																		.05			.12					.17
EFFINGHAM CAA	//																	.06								.06
EVANSTON PUMP STA																		.02	.10			.02	.01			.15
FAIRBURY WATER WORKS	//																				.11					.11
FREEPORT SEWAGE PLANT															03	.02	.01	.04		.01						.11
FULTON DAM 13																	.18									.18
HUTSONVILLE	//																						.08	.02		.10
JACKSONVILLE SEWAGE PL																.10										.10
JOLIET WB AIRPORT	6														*	*	*	*	*	.08						-
KANKAKEE SEWAGE PLANT																			.06			.01				.07
LANARK														-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN RIDGE														*	*	*	*	*	*	*	*	*	*	*	.09	.09
LOCKPORT LOCK AND DAM																	.03	.01	.06		.03	.02				.15
LOCKPORT POWER HOUSE																	.01	.01	.07		.04	.04				.17
MC HENRY																	.05	.15	.04		.01	.04	.01			.30
MOLINE WB/AIRPORT	//													.02			.08									.10
MT CARMEL WATER WORKS																					.25					.25
MURPHYSBORO WATER WORKS	//																	.25	.03							.28
PARIS SEWAGE PLANT										.05	.05	.02	.02			.03	.08	.01								.26
PEORIA LOCK AND DAM	//															.09	.01									.10
PEORIA WB AIRPORT																.08	.01									.09
PITTSFIELD WATER WORKS															.15											.15
PRINCETON 1 S	//													*	*	*	*	*	.07							.07
ROCKFORD CAA	6														*	*	*	*		.22						-
SKOKIE N S TREAT WKS																		.02	.09			.02				.13
SPRINGFIELD WB AIRPORT	//															.01										.01
STICKNEY W SIDE TREAT																	.01	.01	.02			.16	.01			.21
VANDALIA																	.03	.02								.05
WASHINGTON																	.10		.05							.15
WATERMAN	//															.04	.03	.15								.22
WENONA														*	*	*	.08			.05						.13
—8th—																										
BELVIDERE SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	.05													.05
BRADFORD CAA	6								*	*	*	*	*	.01												-
CHICAGO LAKEVIEW PUMP			.01	.01						.01	.01															.04
CHICAGO MAYFAIR PUMP ST			.01		.01					.01																.03
CHICAGO ROSELAND PUMP			.01				.01				.01															.03
CHICAGO S FILTER PL												.01														.01
CHICAGO SPRINGFLD PUMP		*	*	*	*	*	*	*	*	*	*	*	.03													.03
CHICAGO WB AIRPORT							.01																			.01
CHICAGO WB CITY							.02	.01	.01																	.04
CRETE									.01																	.01
ILLINOIS CITY DAM 16															.01	.01										.02
PEORIA WB AIRPORT							.01																			.01
ROCKFORD CAA	6		*	*	*	*	*	.03																		-
WATERMAN	//					.04	.01																			.05
—9th—																										
ALEXIS WATER WORKS																							.01	.05		.06
BRADFORD CAA	6																				*	*	*	*	*	-
PRINCETON 1 S	//																							.02	.01	.03
—10th—																										
ALEXIS WATER WORKS										.02					.01			.01	.01	.01						.06
BEARDSTOWN LAGRANGE DAM															.05											.05

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BELLEVILLE SCOTT AF BSE	//																*	*	*	*	*	*	*	*	.13	.13
BELVIDERE SEWAGE PLANT																						.02	.08	.10	.03	.23
BRADFORD CAA	6	.02																			*	*	*	*	*	-
CAMP ELLIS																				.02	.01	.01	.01			.05
CARPENTER 1 SW																					.03	.01	.03	.10		.17
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP																								.09	.11	.20
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST																								.09	.11	.20
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP																							.01	.08	.13	.22
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL															.01								.02	.05	.08	.16
CHICAGO SPRINGFLD PUMP																								.08	.10	.18
CHICAGO UNIVERSITY																								.08	.07	.15
CHICAGO WB AIRPORT																							.04	.09	.12	.25
CHICAGO WB CITY																								.06	.08	.14
CISNE BROWN CAMP																				.01		.01	.01	.01	.01	.05
COLLINSVILLE																					.10	.05	.09	.01		.25
COULTERVILLE																									.18	.18
CRETE																						.01	.02	.07	.07	.17
DANVILLE HOSPITAL																						.05	.03	.02		.10
DIONA																							.07	.01	.02	.10
DOUGLAS																			.07	.09	.01		.03			.20
DOWNS 2 NE																					.04	.01	.04	.01		.10
DWIGHT STATE REFORM																					.02	.05	.05	.02	.03	.17
EFFINGHAM CAA	//																					.04	.03	.02	.01	.10
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//																					.05	.02	.02	.01	.10
FARMER CITY																					.07	.05	.02	.01		.15
FREEPORT SEWAGE PLANT																				*	*	*	*	*	*	*
FULTON DAM 13																					.04	.01	.10	.05	.05	.25
GREENFIELD																						.05		.01		.06
HOOPESTON																							.02	.01	.02	.05
ILLINOIS CITY DAM 16																				*	*	*	*	*	*	*
JACKSONVILLE SEWAGE PL																					.02					.02
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																							.01	.03	.02	.06
LANARK																					.02	.05	.12	.06	.02	.27
LAWN RIDGE															.01	.03	.01	.02		.02						.09
LOCKPORT LOCK AND DAM																								.05	.05	.10
LOCKPORT POWER HOUSE																										
LOUISVILLE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARCA SEWAGE PLANT																							.05	.02	.08	.15
MASON CITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MC HENRY																.12	.13		.20	.05	.01		.03			.54
MOLINE WB/AIRPORT	//																			.03	.04	.04	.10	.07	.05	.33
MORRISONVILLE																					.01	.02	.02	.05	.08	.18
NEWTON																							.03	.06		.09
PARIS SEWAGE PLANT								.02				.01			.02						.01	.01	.05	.23	.20	.50
PEORIA LOCK AND DAM	//																									.05
PEORIA WB AIRPORT																				.04	.03	.02	.01			.10
PRAIRIE DU ROCHER W WKS																				.01	.02		.02	.01		.06
PRINCETON 1 S	//		.01																						.05	.05
PROPHETSTOWN																					.01	.03	.02	.05	.03	.15
RICHVIEW																					.01	.02	.04	.05	.05	.17
ROCKFORD CAA	6		*	*	*	*	*	.02																	.02	.02
SKOKIE N S TREAT WKS																					*	*	*	*	*	-
SPRINGFIELD WB AIRPORT	//																		.01	.03	.01	.04	.01		.03	.04	.07
SPRINGFIELD WB CITY																			.03	.02		.05	.02	.01			.10
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//																					.03	.01	.01	.09	.14
URBANA EXP FARM																						.02	.04	.03	.01	.10
VANDALIA																			*	*	*	*	*	*	*	*
WASHINGTON																					.02	.01		.01		.04
WATERMAN	//																					.02	.05	.08	.05	.20
WENONA																						.09	.01			.10

—11th—

AUGUSTA HIGH SCHOOL		*	*	*	*	*	.06																			.06
BEARDSTOWN LAGRANGE DAM	//				.04	.01																				.05
BELLEVILLE SCOTT AF BSE	//										.05	.25	.15	.10	.10	.10	.08									.83
BELVIDERE SEWAGE PLANT		.04	.02	.01			.02	.02	.06	.02	.03															.22
BRADFORD CAA	6	.15							*	*	*	*	*	.02												-
CAIRO WB CITY					.01	.08	.18	.20	.17	.19	.06	.01	.06	.01							.01			.09		1.07
CAMP ELLIS		.02							.01						.01		.01									.05
CARPENTER 1 SW		.03	.15	.37	.17	.22	.16	.05																		1.15
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP		.08	.05	.02	.01	.01	.01	.01	.01				.01	.02	.01		.01		.01							.26
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST		.08	.06	.02	.01	.02	.01	.01	.01	.01	.02	.01	.02							.02	.02	.02	.02			.38
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP		.05	.06	.01	.01	.01		.01	.01		.01									.01		.02	.02			.22
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL		.04	.04	.08	.04														.01	.02	.04	.03	.02			.32
CHICAGO SPRINGFLD PUMP		.08	.05	.02	.02	.01	.02	.02	.02	.02	.02	.01	.02								.01					.32
CHICAGO UNIVERSITY		.05	.03	.04	.05	.04																				.21
CHICAGO WB AIRPORT		.02	.03	.02	.02														.01		.01	.02	.01			.14
CHICAGO WB CITY		.05	.05	.06	.02	.04	.02	.01												.02	.02	.01				.30
CISNE BROWN CAMP			.10	.05	.17	.08	.08	.02	.10	.10		.02														.72
COLLINSVILLE		.05	.05	.07	.18	.13	.05	12	.12	.02																.79
COULTERVILLE		.02			.03	.02			.05		.09	.01														.22
CRETE		.01	.04	.01					.02										.03	.02		.02	.03			.18
DANVILLE HOSPITAL		.02	.01	.01				.03				.01	.01	.01	.01	.01			.03	.11	.02	.02	.01	.01		.32
DIONA		.02	.02	.16	.13	.05	.05							.02	.01	.01					.01					.48
DOUGLAS								.02																		.02
DOWNS 2 NE									.03	.02	.03								.04	.01	.01					.14
DWIGHT STATE REFORM			.02														.10		.03	.02		.02				.19
EFFINGHAM CAA	//		.07	.22	.19	.09	.06		.01													.03				.67
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//													.02	.01	.02	.03	.01	.04	.06	.04	.05				.28
FARMER CITY			.01	.01					.02	.03	.02	.01	.01	.01				.02	.03	.05	.05					.27
FREEPORT SEWAGE PLANT		*	*	.32																						.32
FULTON DAM 13				.03	.01	.01																				.05
GLENDALE EXP FARM				.06	.05	.05	.02	.15	.02	.03	.02	.02	.03	.02	.01	.01	.01									.50
GOLCONDA DAM 51					.04	.03	.06	.07	.17	.05	.07	.05									.02	.01	.02		.02	.61
GREENFIELD		.01	.10	.35	.19	.04	.01	.01	.02	.01		.02						.01	.04							.81
HOOPESTON								.01	.01	.01	.01	.01	.02	.01	.01	.01		.03	.02	.08	.05	.02	.04	.01		.35
HUTSONVILLE	//	.03	.02	.04	.06			.15	.14	.04	.05															.53
ILLINOIS CITY DAM 16		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.16									.16
JACKSONVILLE SEWAGE PL			.08	.02	.03	.06			.01									.02	.04							.26
JOLIET WB AIRPORT		.13	*	*	*	*	*	.05							*	*	*	*	*	.11	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT		.04	.02			.02											.04		.04	.01	.01	.02				.20

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LANARK		.05																							.05
LAWN RIDGE										.02	.06	.01	.01	.02		.01									.13
LOCKPORT LOCK AND DAM		.05	.05																						.10
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE		.08	.04	.08	.10	.10	.02	.08	.05	.02															.57
MARIETTA			.01	.01												.03								.01	.06
MASON CITY		.01	.01																						.02
MC HENRY		.07							.01		.01	.01													.10
MOLINE WB/AIRPORT	//																	.02	.01						.03
MORRISONVILLE				.14	.19	.11				.01	.01								.02	.01					.49
MT CARMEL WATER WORKS			.05	.05		.08	.07	.05			.03	.02	.05	.02	.01										.43
MURPHYSBORO WATER WORKS	//	.02	.03	.02	.08		.05				.02	.07	.06												.35
NEWTON		.17	.03	.05	.02																				.27
PARIS SEWAGE PLANT							.02																		.02
PEORIA LOCK AND DAM	//															.02	.01	.01	.01	.03	.01	.01			.10
PEORIA WB AIRPORT					.01										.01	.03			.03	.01			.01		.13
PITTSFIELD WATER WORKS			.09	.06						.03		.01	.01						.02	.01					.23
PRAIRIE DU ROCHER W WKS				.05	.12	.03	.01	.06	.14	.09	.24	.68	.21	.07	.22	.14	.01	.04							2.11
PRINCETON 1 S	//	.02															.04		.03		.01	.01			.11
PROPHETSTOWN		.03	.02		.01																				.06
QUINCY CAA	6		*	*	*	*	*	.04																	-
QUINCY DAM 21			.03	.10	.02																				.15
RICHVIEW		.09	.06	.05	.07	.07	.01	.04	.06	.09	.06														.60
ROCKFORD CAA	6	.15																			*	*	*	*	-
SKOKIE N S TREAT WKS		.01	.05	.05	.03	.01	.01	.02												.01	.03	.01	.02		.25
SPRINGFIELD WB AIRPORT	//			.01	.02	.02	.01	.06	.04	.02			.02		.01	.01	.01	.01	.04	.01				.01	.30
SPRINGFIELD WB CITY		.01	.01		.04	.04	.01	.01	.05					.02				.02	.01	.03	.02				.27
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//	.01			.08	.07	.05																		.21
URBANA EXP FARM			.01					.02	.02	.02	.02	.02				.02		.03	.01	.03	.03	.02			.25
VANDALIA		*	*	*	*	*	*	*	*	.75															.75
WASHINGTON		.62		.01	.01	.01										.01				.02	.01	.01	.01		.11
WATERMAN	//	.10																							.10
WENONA		.01	.01	.01	.01	-	-	-	-	-	-	-	-			.03	.06	.04	.01	.01	.01				.20
														—12th—											
BEARDSTOWN LAGRANGE DAM	//											.01	.01		.01		.01	.01	.01	.01					.07
BELLEVILLE SCOTT AF BSE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CAIRO WB CITY													.09	.16	.04	.01	.01		.04						.35
CARPENTER 1 SW											.09	.13	.17	.03	.08	.06	.02	.04							.62
CISNE BROWN CAMP														.23	.13	.05	.05	.02	.03						.51
COLLINSVILLE											.11	.20	.06	.08	.10	.07	.03		.01						.66
COULTERVILLE												.10	.20	.09	.09	.02	.05								.55
DANVILLE HOSPITAL													.01	.01	.03	.04	.04	.02	.06	.04	.02	.01	.01		.01	.30
DIONA														*	*	*	*	*	.45						.45
EFFINGHAM CAA	//					.01							.07	.12	.05	.06	.02	.05							.38
FAIRBURY WATER WORKS	//																.01	.01	.02	.01					.05
GALATIA														.08	.11	.06	.05	.05	.01	.04					.40
GLENDALE EXP FARM		.05											.02	.09	.10	.18	.04	.04	.10	.01					.63
GOLCONDA DAM 51													.02	.06	.09	.05	.04	.03	.14	.01					.44
GREENFIELD												.04	.06	.02	.03	.05	.02	.02	.02						.26
HOOPESTON																.04	.06	.03	.07	.05	.02		.01		.29
HUTSONVILLE	//																.05	.22	.08	.12	.06	.06	.01		.60
JACKSONVILLE SEWAGE PL									.01					.03			.02								.06
JOLIET WB AIRPORT	6	.07																							-
KANKAKEE SEWAGE PLANT				.01	.01																				.02
LOUISVILLE													.05	.24	.11	.10	.08	.05	.01						.64
MORRISONVILLE													.10	.01	.01	.08	.02	.03							.25
MT CARMEL WATER WORKS															.07	.12	.06	.04	.06	.02					.37
MURPHYSBORO WATER WORKS	//												.15	.12	.11	.15	.02			.02					.57
NEWTON										.07	.20	.13	.10	.05	.05	.03									.63
PARIS SEWAGE PLANT														.07	.13	.07	.09	.01	.01	.04					.42
PEORIA WB AIRPORT																			.01						.01
PITTSFIELD WATER WORKS													.01	.01											.02
RANTOUL CHANUTE AF BASE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.47	.47
RICHVIEW												.03	.22	.15	.07	.11	.04	.01							.63
ROCKFORD CAA	6	.02																							-
SPRINGFIELD WB AIRPORT	//												.01	.01	.01	.01	.03	.02	.01	.01	.01	.01	.01		.15
SPRINGFIELD WB CITY													.02		.02		.01	.05				.02			.12
SULLIVAN WATER WORKS	//	.02	.01	.02			.01																	.08	.14
URBANA EXP FARM															.01	.03	.04		.02	.01					.11
VANDALIA												.13	.17	.05	.05	.09	.03		.01						.53
WASHINGTON		.01	.01	.01	.01	.01																			.05
														—13th—											
CAIRO WB CITY					.01																				.01
CAMP ELLIS										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARPENTER 1 SW													.05	.03											.08
EFFINGHAM CAA	//									.02			.03	.02											.07
HOOPESTON		.01																							.01
RANTOUL CHANUTE AF BASE	//													*	*	*	*	*	*	*	*	*	*	.08	.08
SULLIVAN WATER WORKS	//	.04	.03	.05	.05	.03	.01	.01																	.22
														—14th—											
AUGUSTA HIGH SCHOOL																							.01	.02	.03
														—15th—											
AUGUSTA HIGH SCHOOL		.01	.02	.01	.01	.02																			.07
BEARDSTOWN LAGRANGE DAM	//																						.02	.01	.02	.05
CARPENTER 1 SW																						.04	.03	.02	.05	.14
CISNE BROWN CAMP																								.01		.01
COLLINSVILLE																			.04		.01	.01	.01	.02		.09
COULTERVILLE																		.05	.03							.08
DANVILLE HOSPITAL																									.01	.01
GREENFIELD																				.01	.03	.04	.01			.09
KEWANEE BAKER PARK																							.01	.02	.03	.06
MASON CITY																									.02	.02
MT CARMEL WATER WORKS																									.02	.02
NEWTON																									.02	.02
PITTSFIELD WATER WORKS																					.02	.03	.01			.08
PRAIRIE DU ROCHER W WKS															.02	.13	.06	.09	.02	.02		.01				.35
PRINCETON 1 S	//														.02	.02	.01	.02								.07
PROPHETSTOWN														.01	.01	.02	.01	.01								.06
QUINCY DAM 21																									.05	.05
RICHVIEW																				.02	.02	.01		.01	.01	.07
SPRINGFIELD WB AIRPORT	//																							.02	.01	.03
SPRINGFIELD WB CITY																								.02	.01	.03
SULLIVAN WATER WORKS	//																							.01	.01	.02
VANDALIA																							.02	.01	.01	.04
ALEXIS WATER WORKS							.01	.01	.01	.02	.02	.01														.08

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
BEARDSTOWN LAGRANGE DAM	//	.03	.02				.02	.03		.05	.02															.17
BELLEVILLE SCOTT AF BSE	//	*	*	*	*	*	*	*	*	.87																.87
BELVIDERE SEWAGE PLANT															.06	.01	.01									.08
BRADFORD CAA	6														*	*	*	*	*	.01						-
CAIRO WB CITY				.01			.02						.01													.04
CARPENTER 1 SW		.04	.08	.06	.03	.02	.03	.04																		.30
CHICAGO CAL TREAT WKS															.05	.02			.01							.08
CHICAGO LAKEVIEW PUMP															.01		.01	.01		.01		.01	.01	.01		.07
CHICAGO LOYOLA UNIV															.04	.02										.06
CHICAGO MAYFAIR PUMP ST														.01	.02	.01	.02	.01	.01	.01		.01	.01		.01	.12
CHICAGO N BRA PUMP STA														.01	.02	.02										.05
CHICAGO ROSELAND PUMP														.01	.03	.01	.01	.01	.01	.01		.01		.01		.11
CHICAGO SAN DIST DISPAT															.03											.03
CHICAGO SAN DIST OFF															.02											.02
CHICAGO S FILTER PL														.02	.03	.01	.01	.02	.01	.02						.12
CHICAGO SPRINGFLD PUMP															.01	.01		.01	.01	.01	.01					.06
CHICAGO UNIVERSITY														.01	.01	.01	.01	.02	.02						.01	.09
CHICAGO WB AIRPORT															.03	.01	.01	.04	.01					.01		.11
CHICAGO WB CITY															.01	.01	.02	.01	.01					.01		.07
CISNE BROWN CAMP			.01				.01	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COLLINSVILLE			03	.02	.02	.01	.02	.01																		.11
CRETE																		.02	.02	.01	.02	.02				.09
DANVILLE HOSPITAL		.02	.01																							.03
DIONA			.02	.01	.06	.01			.02	.02	.01															.15
DWIGHT STATE REFORM			.01	.02	.01	.01																				.05
EFFINGHAM CAA	//	.01	.01	.03	.07	.03	.02		.01	.03	.02															.23
EVANSTON PUMP STA															.02	.02	.01									.05
FARMER CITY				.01	.02	.03	.04	.02	.04	.03	.01															.20
FREEPORT SEWAGE PLANT													.02	.01	.01											.04
FULTON DAM 13															.04			.01	.02							.07
GALATIA		*	*	*	*	*	*	*	*	*	*	*	.05													.05
GLENDALE EXP FARM					.04			.01																		.05
GOLCONDA DAM 51			.01	.01																						.02
GREENFIELD		.05	.02	.03	.02		.02	.01	.04	.01			.01													.21
HUTSONVILLE	//					.01	.01	.01	.05				.03	.02												.13
ILLINOIS CITY DAM 16			*	*	*	*	*	*	*	*	*	*	*	*	.08											.08
JACKSONVILLE SEWAGE PL		.03	.02		.03	.01	.01																			.10
JOLIET WB AIRPORT	6														*	*	*	*	*	.03						-
KEWANEE BAKER PARK		.02	.01																							.03
LANARK														.02	.01	.02										.05
LOCKPORT LOCK AND DAM																							.03			.03
LOCKPORT POWER HOUSE															.03			.01					.01			.05
LOUISVILLE																									.03	.03
MASON CITY		.02	.04	.04		.02	.03			.02	.03															.20
MC HENRY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.07	.07
MOLINE WB/AIRPORT	//								.01	.02	.02	.01			.01											.07
MORRISONVILLE		*	*	*	*	*	*	*	*	*	*	*	.27													.27
MT CARMEL WATER WORKS					.01					.01	.01		.02	.01												.06
MURPHYSBORO WATER WORKS	//																.05									.05
NEWTON						.05	.01	.02	.02	.01	.02															.13
PARIS SEWAGE PLANT						.01		.01	.01	.03	.02	.01														.09
PEORIA LOCK AND DAM	//			.02	.01	.01																				.04
PEORIA WB AIRPORT						.01																				.01
PITTSFIELD WATER WORKS		.02	.03						.01	.04	.02															.12
QUINCY CAA			*	*	*	*	*	.05	*	*	*	*	*	.02												-
QUINCY DAM 21		.03	.01	.01	.03																					.08
RICHVIEW								.05		.05																.10
ROCKFORD CAA	6														*	*	*	*	*	.03						-
SKOKIE N S TREAT WKS															.01	.01	.01	.02	.01							.06
SPRINGFIELD WB AIRPORT	//	.02	.02	.04	.04	.02	.02	.01	.01	.01																.19
SPRINGFIELD WB CITY		.02	.03	.02	.03	.02	.03	.01	.01	.01																.18
STICKNEY W SIDE TREAT														.01	.02	.02										.05
SULLIVAN WATER WORKS	//	.01	.01	.03	.02	.01	.04	.02	.03		.01	.02	.01	.01												.22
URBANA EXP FARM							.01	.01			.01															.03
VANDALIA		.01	.04	.03	.06	.04	.02	.01	.03		.01		.01													.26
WASHINGTON				.01	.01																					.02
WATERMAN	//												.02	.02	.01			.02	.01							.08

—17th—

CHICAGO CAL TREAT WKS						.06	.07	.03	.01	.01	.01	.03	.01													.23
CHICAGO LAKEVIEW PUMP						.02	.05	.03	.02	.01	.01	.01	.01													.16
CHICAGO LOYOLA UNIV					.01	.08	.07	.02																		.18
CHICAGO MAYFAIR PUMP ST			.01			.05	.05	.02	.01		.01	.01	.01													.17
CHICAGO N BRA PUMP STA					.01	.07	.07	.04	.01																	.20
CHICAGO ROSELAND PUMP		.01		.01		.02	.03	.02		.01		.02	.01													.13
CHICAGO SAN DIST DISPAT				.01	.02	.06	.04	.04	.01																	.18
CHICAGO SAN DIST OFF			.01	.02	.02	.01	.03	.06	.01																	.16
CHICAGO S FILTER PL				.01		.04	.04	.04	.02			.01														.16
CHICAGO SPRINGFLD PUMP						.02	.04	.05	.01	.01		.01	.01	.02	.01	.01										.19
CHICAGO UNIVERSITY						.04	.06	.05	.01		.01	.02														.19
CHICAGO WB AIRPORT		.01		.01	.01	.03	.05	.04	.01			.02														.18
CHICAGO WB CITY		.01				.04	.06	.05	.01			.01														.18
CRETE							.05	.04			.02	.01	.01													.13
EVANSTON PUMP STA					.02	.05	.06	.02																		.15
HOOPESTON															.04	.05										.09
JOLIET WB AIRPORT	6		*	*	*	*	*	.01	*	*	*	*	*	.03												-
KEWANEE BAKER PARK										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LOCKPORT LOCK AND DAM			.02	.01		.01			.01	.03	.01	.01														.10
LOCKPORT POWER HOUSE						.03	.01			.01		.02														.07
LOUISVILLE				.01	.01					.02	.01	.02														.07
MARIETTA		.01		.01	.02	.01																				.05
MAROA SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	*	*	1.70											1.70
MC HENRY			.01	.01	.04	.02	.02																			.10
RANTOUL CHANUTE AF BASE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SKOKIE N S TREAT WKS				.01	.01	.04	.05	.03	.01																	.15
STICKNEY W SIDE TREAT					.04	.05	.05	.04	.01	.01																.20
WATERMAN	//					.02																				.02

—18th—

CHICAGO LAKEVIEW PUMP														.01												.01
CHICAGO MAYFAIR PUMP ST														.01		.01		.01								.03
MC HENRY																		.01		.01				.01	.02	.05

—19th—

ALEXIS WATER WORKS		.01	.01	.01			.01				.02	.03	.02					.01	.02	.01	.01	.01	.01	.01		.19
AUGUSTA HIGH SCHOOL				.08	.03	.01	.01		.07	.07	.01	.01	.01		.01	.02	.02	.02	.02	.02	.06					.47
BEARDSTOWN LAGRANGE DAM	//								.05	.04	.01		.01	.02				.01	.07	.04	.04	.01	.02	.02	.05	.39
BELLEVILLE SCOTT AF BSE	//						.02		.01	.04	.01								.01	.10	.05	.03	.12	.13	.09	.61
BELVIDERE SEWAGE PLANT					.01	.02	.01										.01		.01							.06
BRADFORD CAA																					*	*	*	*	*	-
CAIRO WB CITY							.01												.05	.02	.03	.12	.07	.01	.01	.32
CARPENTER 1 SW					.02	.01					.06	.02							.04	.10	.08	.05	.06	.09	.08	.61
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY																.01									.01	.02
CHICAGO WB AIRPORT																.01									.01	.02
CHICAGO WB CITY																.01									.01	.02
CISNE BROWN CAMP		*	*	*	*	*	*	*	*	*	.09													.01	.02	.15
COLLINSVILLE			.04	.01	.05	.03	.01			.01	.03	.01					.01	.01	.05	.15	.08	.02	.16	.14	.02	.83
COULTERVILLE				.04	.01														.10	.04	.06	.15	.28	.02		.70
DANVILLE HOSPITAL																.01	.02					.03	.02			.08
DOUGLAS																		.03					.01	.02	.01	.07
DOWNS 2 NE																							.02	.03		.05
DWIGHT STATE REFORM																			.02							.02
EFFINGHAM CAA	//																			.02					.01	.03
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	/																						.02	.02		.04
FARMER CITY																		.01				.03				.04
GALATIA 1 W																					.05	.02	.03	.06	.14	.30
GLENDALE EXP FARM																				.03	.07	.08	.15	.22	.14	.69
GOLCONDA DAM 51																					.03	.04	.04	.14	.19	.44
GREENFIELD					.02	.02	.01										.01		.01	.05	.10	.05	.10	.08	.07	.52
HOOPESTON																						.02	.03			.05
JACKSONVILLE SEWAGE PL			.01		.09	.01										.10	.05	.10	.03	.02	.10	.10	.08	.05	.10	.84
KANKAKEE SEWAGE PLANT																								.03	.02	.05
LANARK																									.03	.03
LAWN RIDGE																		.01	.04							.05
LOCKPORT LOCK AND DAM																									.02	.02
LOUISVILLE									.02	.01	.01													.01	.04	.09
MARIETTA						.02	.03			.01	.04						.04	.01	.05			.01			.04	.25
MAROA SEWAGE PLANT																				.01	.09	.01	.03			.14
MASON CITY																	.01	.01	.01	.01	.03	.05	.08	.01	.04	.25
MC HENRY		.03	.02																							.05
MOLINE WB AIRPORT	//											.01	.01							.04	.01					.07
MORRISONVILLE						.05														.02	.03	.08	.05	.10	.05	.38
MURPHYSBORO WATER WORKS	//																	.02	.03	.15	.18	.12	.09	.01		.60
NEWTON														.02	.01		.01								.02	.06
PEORIA LOCK AND DAM	//										.02				.01			.02	.05			.02	.05	.05	.03	.25
PEORIA WB AIRPORT											.01	.01					.02	.03	.03	.02	.02	.02	.04	.04	.03	.27
PITTSFIELD WATER WORKS				.08	.02	.03	.01	.06	.13	.02					.15	.08	.07	.05	.05	.02	.02	.01	.03	.02		.85
PRAIRIE DU ROCHER W WKS				.02	.09	.07	.01											.10	.12	.20	.07	.22	.25	.05	.02	1.22
PRINCETON 1 S	//																							.02	.01	.03
PROPHETSTOWN																					.03				.02	.05
QUINCY CAA	6		*	*	*	*	*	.21							*	*	*	*	*	.18						-
QUINCY DAM 21			.06	.03	.03	.03									.02	.10	.10		.03	.06	.01	.03	.02		.04	.56
RICHVIEW																				.02	.02	.06	.05	.12	.05	.32
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	.02
SPRINGFIELD WB AIRPORT	//					.02	.03		.01								.01	.02	.02	.02	.03	.08	.08	.10	.10	.52
SPRINGFIELD WB CITY							.04	.02											.02	.01	.04	.06	.07	.09	.06	.41
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VANDALIA										.02											.03	.04	.06	.07	.05	.27
WASHINGTON																						.02	.03	.04	.01	.10
WENONA																			*	*	*	*	*	*	*	*
—20th—																										
ALEXIS WATER WORKS			.01	.01	.01					.01																.04
AUGUSTA HIGH SCHOOL		.01	.01	.01	.02	.04	.04																			.13
BEARDSTOWN LAGRANGE DAM	//	.04	.02	.07	.01				.02		.02	.03														.21
BELLEVILLE SCOTT AF BSE	//	.01		.01	.01																					.03
BRADFORD CAA	6	.01							*	*	*	*	*	.03												-
CARPENTER 1 SW		.02																								.02
CISNE BROWN CAMP		.11	.08	.10	.02	.08	.05	.02																		.46
COLLINSVILLE			.02																							.02
COULTERVILLE									.08																	.08
DANVILLE HOSPITAL																.05										.05
DIONA			.04	.08	.03	.02	.01									.01		.01								.20
EFFINGHAM CAA	//	.04	.02	.01					.05																	.12
FAIRBURY WATER WORKS	/											.01	.01	.01	.01	.01										.05
GALATIA 1 W		.10	.05	.06	.07																					.28
GLENDALE EXP FARM		.05	.03	.04	.01																					.13
GOLCONDA DAM 51		.19	.12	.13	.13																					.57
GREENFIELD		.05	.02								.01															.08
HOOPESTON														.02	.03	.02	.02	.01								.10
HUTSONVILLE	//		.03	.02	.05	.07	.08	.05	.10	.03	.01	.01		.01		.01			.01		.01	.01	.01	.01		.52
JACKSONVILLE SEWAGE PL		.06	.01																							.07
JOLIET WB AIRPORT	6								*	*	*	*	*	.03												-
LANARK		.01																								.01
LAWN RIDGE												.01	.02	.04	.03											.10
LOCKPORT LOCK AND DAM			.01	.01	.01																					.03
LOCKPORT POWER HOUSE									.03		.01	.01	.01		.01											.07
LOUISVILLE		.03	.15	.08	.04				.01																	.31
MARIETTA			.03	.02	.01	.03	.02	.03	.01	.01																.16
MAROA SEWAGE PLANT		.01	.04																							.05
MORRISONVILLE		.09																								.09
MT CARMEL WATER WORKS		.05	.04	.01	.02	.06	.02																			.20
NEWTON		.07	.11	.10	.02	.07	.01		.01		.01															.40
PARIS SEWAGE PLANT																						.02				.02
PEORIA LOCK AND DAM	//	.02	.01	.02																						.05
PITTSFIELD WATER WORKS		.03	.02	.02			.01	.07	.05						.02	.01	.01	.01								.25
PRINCETON 1 S	//		.01	.01																						.02
PROPHETSTOWN			.01																							.01
QUINCY CAA	6		*	*	*	*	*	.03																		-
SPRINGFIELD WB AIRPORT	//	.05	.05	.01																						.11
SPRINGFIELD WB CITY		.09	.02																							.11
SULLIVAN WATER WORKS	//	*	*	*	*	*	.15																			.15
URBANA EXP FARM																				.01	.01					.02
VANDALIA		.04	.01				.02	.01																		.08
WASHINGTON		.03	.01	.02	.03	.01																				.10
—21st—																										
ALEXIS WATER WORKS						01	.01			.01			.03			.01	.01	.01	.01	.01	.01	.02	.01			.15
AUGUSTA HIGH SCHOOL																.01	.02	.01	.01	.02	.01	.01	.01			.10
BEARDSTOWN LAGRANGE DAM	//												.01	.02												.03
BELVIDERE SEWAGE PLANT													.01	.02					.01	.01		.01	.01	.01	.07	.15
BRADFORD CAA	6														*	*	*	*	*	.06	*	*	*	*	*	-
CARPENTER 1 SW																	.03	.03								.06
CHICAGO CAL TREAT WKS																									.02	.02
CHICAGO LOYOLA UNIV																								.01	.01	.02
CHICAGO N BRA PUMP ST																							.01		.02	.03
CHICAGO WB AIRPORT																									.01	.01
COULTERVILLE																		.27								.27
CRETE																.01		.01		.01	.01			.01	.04	.09
DANVILLE HOSPITAL																							.03	.03	.02	.08

See reference notes following Station Index.

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DIONA																					.03	.05				.08
DOUGLAS																	.03	.07					.02	.02	.02	.15
DOWNS 2 NE																				.05						.05
DWIGHT STATE REFORM																					.02			.04	.01	.07
EFFINGHAM CAA	//																			.05	.05					.10
EVANSTON PUMP STA																								.01		.01
FAIRBURY WATER WORKS	//																				.06		.01			.07
FARMER CITY																			.01	.07				.01		.09
FREEPORT SEWAGE PLANT											.02	.01		.01	.01		.01			.05	.01	.03	.02	.04	.01	.22
FULTON DAM 13									.05				.03		.01	.01		.01	.04			.03	.04	.02	.01	.25
HOOPESTON																								.01		.01
ILLINOIS CITY DAM 16				.01	.01	.01	.01				.01	.01	.01	.01			.02	.04	.02	.01						.18
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																								.01		.01
LASALLE								.01	.01		.01	.02	.01		.01				.03	.01	.01	.03	.05		.02	.22
LAWN RIDGE																	.04	.08	.03	.01	.01	.01				.18
LOCKPORT LOCK AND DAM																							.01	.02	.03	.06
LOCKPORT POWER HOUSE																				.01	.03				.05	.09
LOUISVILLE																				.04	.01					.05
MARIETTA															.01	.05					.01		.01	.01		.09
MARQA SEWAGE PLANT																			.11		.03	.01			.02	.17
MASON CITY																	.02	.06	.01							.09
MC HENRY																					.01	.02	.02	.04	.02	.11
MOLINE WB AIRPORT	//							.01	.03	.02			.01	.01			.02	.02	.02		.02	.01	.01	.02	.01	.21
MORRISONVILLE																		.11		.01	.01					.12
MURPHYSBORO WATER WORKS	//																		.05	.03						.08
NEWTON																					.01		.01	.01	.01	.04
PARIS SEWAGE PLANT				.01	.08	.07	.05	.04	.01														.02	.05		.33
PEORIA LOCK AND DAM	//															.02	.01	.07	.05							.15
PEORIA WB AIRPORT																.01	.01	.11	.02	.03				.01	.01	.20
PRINCETON 1 S	//																.02	.03	.02	.03		.03			.02	.15
PROPHETSTOWN									.04	.01	.01	.01		.01	.01			.06		.05	.02	.03	.03	.01	.01	.30
QUINCY CAA	6														*	*	*	*	*	.03						-
QUINCY DAM 21																.03	.02	.02	.01							.08
RANTOUL CHANUTE AF BASE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.06						.03	.03			.12
RICHVIEW																			.12							.12
ROCKFORD CAA	6								*	*	*	*	*	.02	*	*	*	*	*	.01	*	*	*	*	*	-
SKOKIE N S TREAT WKS																								.01		.01
SPRINGFIELD WB AIRPORT	//																.01	.04								.05
SPRINGFIELD WB CITY																	.10	.18								.28
STICKNEY W SIDE TREAT												.01													.01	.02
SULLIVAN WATER WORKS	//	.02	.01	.01																.10	.05					.19
URBANA EXP FARM																					.02	.06	.02			.10
VANDALIA																			.10	.03						.13
WATERMAN	//																		.02		.05	.04	.01		.02	.14

—22d—

BEARDSTOWN LAGRANGE DAM	//							.02		.02	.01															.05
BELVIDERE SEWAGE PLANT		.05	.04	.01	.01			.01	.03		.02	.02	.01	.01	.01	.01	.02									.25
BRADFORD CAA	6	.05																								-
CHICAGO CAL TREAT WKS		.04	.04	.03													.01	.02	.02	.01	.01					.18
CHICAGO LAKEVIEW PUMP			.04	.05	.01	.01	.01		.01	.01		.01	.01		.01											.17
CHICAGO LOYOLA UNIV		.03	.06	.07	.03		.01										.01	.01	.01	.02			.01			.26
CHICAGO MAYFAIR PUMP ST		.01	.05	.05	.02	.01	.01	.01	.01	.01	.01	.01	.01		.01		.01	.01			.01					.25
CHICAGO N BRA PUMP STA		.03	.06	.06	.01											.01		.02	.01	.01				.01		.22
CHICAGO ROSELAND PUMP		.02	.02	.03															.01							.08
CHICAGO SAN DIST DISPAT		.04	.05	.04	.01											.01	.01	.01	.01	.01						.19
CHICAGO SAN DIST OFF		.03	.04	.07	.01											.01		.01	.01	.01				.01		.20
CHICAGO S FILTER PL		.02	.02	.03	.05													.01	.01	.02	.02	.01				.19
CHICAGO SPRINGFLD PUMP		.01	.06	.03	.02	.01	.02	.01	.01	.01	.01	.02	.01			.01		.01	.01		.01			.01		.27
CHICAGO UNIVERSITY			.03	.08	.01		.01											.02	.01	.01						.17
CHICAGO WB AIRPORT		.03	.07	.02						.01						.01	.01	.01	.03	.01	.01					.21
CHICAGO WB CITY		.01	.03	.06	.02	.02	.02											.01	.01	.01						.19
CRETE		.01	.01	.02																				.01	.01	.06
DANVILLE HOSPITAL		.01																								.01
DOWNS 2 NE		.02	.01																							.03
EVANSTON PUMP STA		.02	.04	.09	.03		.01									.01		.01	.02	.01					.01	.25
FREEPORT SEWAGE PLANT		.03	.02	.01		.01			.01																	.11
GLENDALE EXP FARM												*	.01	.01		.01	.01									.04
HOOPESTON		.05																								.05
JOLIET WB AIRPORT	6	.06	*	*	*	*	*	.03							*	*	*	*	*	.03						-
KANKAKEE SEWAGE PLANT		.01	.01		.01														.01	.01						.05
LASALLE		.02	.01							.01	.01															.05
LOCKPORT LOCK AND DAM		.03	.03	.01	.01																					.08
LOCKPORT POWER HOUSE		.03	.01													.01	.01									.06
LOUISVILLE										.02	.01															.03
MARQA SEWAGE PLANT		.02	.01																							.03
MC HENRY		.07	.05	.06						.02	.01	.01		.01			.01	.02	.01	.01						.28
NEWTON		.01	.01																							.02
PEORIA LOCK AND DAM	//	.02	.01																							.03
PROPHETSTOWN		.01	.02																							.03
RICHVIEW										.02		.01		.01	.01											.05
ROCKFORD CAA	6	.13	*	*	*	*	*	.13	*	*	*	*	*	.04	*	*	*	*	*	.01						-
SKOKIE N S TREAT WKS		.02	.04	.08	.03										.01		.01	.01	.01							.21
SPRINGFIELD WB AIRPORT	//												.01													.01
SPRINGFIELD WB CITY												.01														.01
STICKNEY W SIDE TREAT		.03	.06	.02						.01							.01	.02	.01							.16
VANDALIA												.02														.02
WASHINGTON																		.02	.09	.01						.12
WATERMAN	//	.02	.01																							.03

—23d—

BELVIDERE SEWAGE PLANT			.03	.06																						.09
CHICAGO CAL TREAT WKS																								.03		.03
CHICAGO ROSELAND PUMP																		.02								.02
CHICAGO SAN DIST DISPAT																									.01	.01
CHICAGO S FILTER PL																									.02	.02
DWIGHT STATE REFORM																						.03				.03
LOCKPORT POWER HOUSE																							.01			.01
MC HENRY																									.02	.02
SKOKIE N S TREAT WKS																									.01	.01
STICKNEY W SIDE TREAT																								.01		.01

—24th—

CHICAGO CAL TREAT WKS																.01										.01
CHICAGO LOYOLA UNIV				.01	.01																					.02
CHICAGO N BRA PUMP STA					.01																					.01
CHICAGO SAN DIST DISPAT					.01											.01										.02
CHICAGO SAN DIST OFF		.01														.01										.02
CHICAGO WB AIRPORT					.01											.01	.01									.03
CHICAGO WB CITY					.01											.02										.03
EVANSTON PUMP STA					.01																					.01
FREEPORT SEWAGE PLANT			.02																							.02

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MC HENRY			.02	.03	.08	.02																	.02	.04	.01	.22
ROCKFORD CAA	6		*	*	*	*	*	.17																		-
STICKNEY W SIDE TREAT					.01											.01		.01							.03
														—25th—											
ALEXIS WATER WORKS																			.06							.06
AUGUSTA HIGH SCHOOL																					.01	.02				.04
BELVIDERE SEWAGE PLANT																						.04	.04		.01	.09
BRADFORD CAA	6														*	*	*	*	*	.04	*	*	*	*	*	-
CHICAGO CAL TREAT WKS																					.04		.01			.05
CHICAGO LAKEVIEW PUMP																							.07		.01	.08
CHICAGO LOYOLA UNIV																						.02	.07	.01		.10
CHICAGO MAYFAIR PUMP ST																						.01	.08	.01	.01	.11
CHICAGO N BRA PUMP STA																						.02	.07			.09
CHICAGO ROSELAND PUMP																					.02	.02		.01	.02	.07
CHICAGO SAN DIST DISPAT																						.02	.03			.05
CHICAGO SAN DIST OFF																						.03	.02		.01	.06
CHICAGO S FILTER PL																					.01	.02		.01	.01	.05
CHICAGO SPRINGFLD PUMP																							.06	.01	.01	.08
CHICAGO UNIVERSITY																						.01	.01			.02
CHICAGO WB AIRPORT																					.01	.02	.01			.04
CHICAGO WB CITY																						.02	.02			.04
CRETE																		.01	.01			.01	.01	.02	.01	.07
DANVILLE HOSPITAL																						.10				.10
DOUGLAS																									.03	.03
EVANSTON PUMP STA																						.01	.07	.01		.09
FARMER CITY																				*	*	*	*	*	*	*
FULTON DAM 13																					.03					.03
HUTSONVILLE	//																							.05		.05
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
KEWANEE BAKER PARK																									.40	.40
LANARK																						.02				.02
LAWN RIDGE			.02	.03	.14	.07															.09	.08				.43
LOCKPORT POWER HOUSE																					.03				.01	.04
MARIETTA																		.08								.08
MARQA SEWAGE PLANT																				.02						.02
MASON CITY																			.08	.02						.10
MOLINE WB/AIRPORT	//																		.02							.02
PEORIA WB AIRPORT																		.01	.01							.02
PIPER CITY		-	-	-	-	-	-	-	-																	-
PRINCETON 1 S	//																		.01		.02				.01	.04
PROPHETSTOWN																				.01						.01
RANTOUL CHANUTE AF BASE	//																				.08					.08
ROCKFORD CAA	6																				*	*	*	*	*	-
SKOKIE N S TREAT WKS																						.02	.08	.01		.11
STICKNEY W SIDE TREAT																					.01	.01	.02	.01		.05
URBANA EXP FARM																					.31					.31
WATERMAN	//																				.02	.02				.04
WENONA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.56	.56
														—26th—												
ALEXIS WATER WORKS		.02		.01							.02	.06	.02	.01			.11	.15	.01	.09						.50
AUGUSTA HIGH SCHOOL			.03	.02									.01	.01		.01	.03	.01	.27	.01						.40
BELLEVILLE SCOTT AF BSE	//																						.40			.40
BELVIDERE SEWAGE PLANT		.01							.17					.01		.01				.18	.04	.18	.02	.07	.03	.72
BRADFORD CAA	6	.01	*	*	*	*	*	.13													*	*	*	*	*	-
CAIRO WB CITY																						.04		.07	.57	.68
CARPENTER 1 SW																						.02				.02
CHICAGO CAL TREAT WKS		.01		.03	.18	.46	.14	.05		.03		.01	.01											.01		.93
CHICAGO LAKEVIEW PUMP			.01		.32	.11	.01	.14	.04	.01	.01		.01	*	*	*	*	*	*	*	*	*	*	*	.07	.73
CHICAGO LOYOLA UNIV					.33	.17	.01	.13	.07	.02			.01										.07	.04		.85
CHICAGO MAYFAIR PUMP ST			.01	.02	.45	.18	.01	.23	.07	.02	.01	.02	.01										.07	.03		1.13
CHICAGO N BRA PUMP STA					.42	.20		.17	.02	.02			.01										.06	.01		.91
CHICAGO ROSELAND PUMP		.01	.01	.18	.02	.35	.17	.02	.01		.01	.02	.01										.02	.18	.02	1.03
CHICAGO SAN DIST DISPAT				.01	.23	.11	.04	.06	.08	.01		.01	.02										.04	.02		.63
CHICAGO SAN DIST OFF					.28	.16	.06	.05	.05		.01	.01	.03		.01								.04	.01		.71
CHICAGO S FILTER PL				.01	.14	.37	.05	.10				.01	.04	.01									.02	.21	.01	.97
CHICAGO SPRINGFLD PUMP		*	*	*	*	*	*	*	*	*	*	*	.82										.08	.02	.02	.94
CHICAGO UNIVERSITY					.20	.30		.24	.01						.02	.03	.03	.03					.03			.89
CHICAGO WB AIRPORT					.13	.16	.07	.05				.01	.01										.03	.01		.47
CHICAGO WB CITY					.23	.10	.05	.04	.03	.03	.01		.01	.01	.01								.02	.03	.01	.58
CISNE BROWN CAMP																					.04	.01		.15	.20	.40
COLLINSVILLE							.03	.02																		.05
COULTERVILLE																							.40	.15	.04	.59
CRETE			.01	.24	.18	.03	.22	.28	.03	.01		.01	.01	.01	.01											1.04
DANVILLE HOSPITAL																						.01	.01	.05	.33	.40
DIONA																					.02	.03		.47	.18	.70
DOUGLAS		.01	.01	.01	.04	.01														.02	.07	.01	.19	.06		.43
DOWNS 2 NE																						.01	.06	.03		.10
DWIGHT STATE REFORM		.01	.05		.01	.11	.13	.01																		.32
EFFINGHAM CAA	//																							.30	.15	.45
EVANSTON PUMP STA						.26	.03	.04	.15	.23	.01		.01	.01									.04	.06		.84
FAIRBURY WATER WORKS	//					.07	.17						.01	.03									.02			.30
FARMER CITY		*	*	*	*	*	*	*	.30													.10				.40
FULTON DAM 13		.01			.20	.01													.05	.10						.37
GALATIA 1 W																					.04	.04	.01	.61	.15	.85
GLENDALE EXP FARM																				.09	.01		.01	.01	.81	.93
GOLCONDA DAM 51																					.03				.37	.40
HOOPESTON																							.05	.21	.04	.30
HUTSONVILLE	//	.11	.24	.16	.03	.01	.09	.16	.08	.08	.18	.09	.13	.13	.04	.01										1.54
JOLIET WB AIRPORT	6	.04	*	*	*	*	*	.49																		-
KANKAKEE SEWAGE PLANT				.02		.01	.22	.07																		.32
KEWANEE BAKER PARK				.03	.02						.03		.01	.01	.01			.11	.02	.04	.01	.02				.31
LANARK		.02	.01		.01				.02	.01										.04		.01				.11
LOCKPORT LOCK AND DAM				.23		.12	.09	.05																		.49
LOCKPORT POWER HOUSE				.21		.14	.10	.01	.02	.01													.01			.50
LOUISVILLE																					.02	.04	.03	.36	.25	.70
MARIETTA				.01		.02	.01			.01		.01								.15		.25				.46
MARQA SEWAGE PLANT																							.30			.30
MC HENRY								.01	.09	.03	.02												.35	.05	.11	.66
MOLINE WB/AIRPORT	//				.03	.01						.01						.08	.01	.13	.01					.28
MORRISONVILLE						.02	.04	.02															.04			.12
MT CARMEL WATER WORKS																								.35	.70	1.05
MURPHYSBORO WATER WORKS	//																	.02		.14	.01		.01	.69	.16	1.03
NEWTON																						*	*	*	*	*
PARIS SEWAGE PLANT																			*	*	*	*	*	*	*	*
PEORIA LOCK AND DAM	//	*	*	*	*	.22															.05	.28				.53
PEORIA WB AIRPORT		.02			.52																.07	.07				.68
PIPER CITY			.07	.01		.08	.30	.05																		.50
PITTSFIELD WATER WORKS								.04	.01					.01						.33	.02					.41
PRAIRIE DU ROCHER W WKS																							.55			.55
PRINCETON 1 S	//	.01	.20	.14		.07	.04														.15					.61
PROPHETSTOWN			.05			.04																				.09
QUINCY CAA	6														*	*	*	*	*	.48						-

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
QUINCY DAM 21													.03	.02					.05							.10
RANTOUL CHANUTE AF BASE	//																						.03	.07		.10
RICHVIEW																							.15	.14	.06	.35
ROCKFORD CAA	6	.08	*	*	*	*	*	.05	*	*	*	*	*	.04	*	*	*	*	*	.07	*	*	*	*	*	-
SKOKIE N S TREAT WKS					.22	.20	.01	.07	.11	.17													.10	.03		.91
SPRINGFIELD WB AIRPORT	//																						.05			.05
SPRINGFIELD WB CITY																							.06			.06
STICKNEY W SIDE TREAT					.20	.09	.03	.03	.05	.01			.02										.04			.47
SULLIVAN WATER WORKS	//																						.03	.42		.45
URBANA EXP FARM																							.10	.21		.31
VANDALIA																							.15	.06		.21
WASHINGTON					.22	.01							.01	.02								.26	.01			.53
WATERMAN	//		.01	.24	.04		.26	.04	.01	.01											.35	.01				.97
WENONA																						.16	.17			.33
														—27th—												
BEARDSTOWN LAGRANGE DAM	//																			.17	.09					.26
BELLEVILLE SCOTT AF BSE	//		.01	.01	.01																					.03
BRADFORD CAA	6	.10																								-
CAIRO WB CITY		.30	.64	.27	.30	.19	.15	.13	.03	.20	.09	.05							.04							2.39
CARPENTER 1 SW			.01		.01		.01	.01	.01																	.05
CHICAGO CAL TREAT WKS																		.20								.20
CHICAGO LAKEVIEW PUMP														*	*	*	*	*	*	*	*	*	*	*	.13	.13
CHICAGO LOYOLA UNIV																		.01								.01
CHICAGO MAYFAIR PUMP ST																	.08	.01	.01							.10
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP																	.09	.02		.02	.02		.01			.16
CHICAGO SAN DIST DISPAT																	.01	.01								.02
CHICAGO SAN DIST OFF																		.04								.04
CHICAGO S FILTER PL																		.09								.09
CHICAGO SPRINGFLD PUMP																	.07	.02	.01							.10
CHICAGO WB AIRPORT																	.04	.01								.05
CHICAGO WB CITY																		.02								.02
CISNE BROWN CAMP		.10	.01	.14	.15	.11	.11	.18	.07	.05	.20															1.12
COULTERVILLE			.01	.10	.10	.10			.05	.05																.41
CRETE																	.01	.27								.28
DANVILLE HOSPITAL		.04	.01			.05	.09	.10	.05	.08	.01	.04	.02	.01	.01	.01	.01	*	*	*	*	*	*	*	.30	.83
DIONA		.04	.01	.01	.08	.24	.08	.14	.19	.02	.08	.07	.04													1.00
DWIGHT STATE REFORM																.11	03									.14
EFFINGHAM CAA	//			.04	.11	.20	.25	.05	.10	.05	.10	.06														.96
EVANSTON PUMP STA																	.06									.06
FARMER CITY																.01	.09									.10
GALATIA 1W		.15	.05	.10	.15	.15	.10	.10	.03	.07	.14	.06							.03							1.13
GLENDALE EXP FARM		.34	.07	.24	.21	.18	.14	.17	.06	.13	.15	.06	.02													1.77
GOLCONDA DAM 51		.77	.27	.76	.38	.17	.15	.25	.14	.12	.17	.12	.03													3.33
HOOPESTON								.10	.01	.04		.05	.04	.01				.01	.03							.29
HUTSONVILLE	//																									.13
ILLINOIS CITY DAM 16																	.01	.02								.03
JOLIET WB AIRPORT	6														*	*	*	*	*	.02						-
LOCKPORT LOCK AND DAM																	.08									.08
LOCKPORT POWER HOUSE																	.09									.09
LOUISVILLE				.10	.15	.15	.15	.15	.10	.05	.10	.10														1.05
MC HENRY		.03	.01												.02											.06
MOLINE WB AIRPORT	//																		.01	.01	.01					.03
MT CARMEL WATER WORKS		.20	.22	.08	.05	.10	.10	.15	.25	.05	.17	.13	.04	.01												1.55
MURPHYSBORO WATER WORKS	//	.04	.09	.21	.22	.17	.03	.20	.04	.14	.08	.02						.05								1.29
NEWTON		*	*	*	*	*	*	*	*	*	*	*	1.80													1.80
PIPER CITY																		.23								.23
PRAIRIE DU ROCHER W WKS			.01	.04				.02	.02																	.09
RANTOUL CHANUTE AF BASE	//																	.05								.05
RICHVIEW			.02	.13	.16	.18	.12	.05	.08	.12	.08		.02	.01			.05									1.02
ROCKFORD CAA	6	.38																								-
SKOKIE N S TREAT WKS																	.08	.01								.09
SPRINGFIELD WB CITY																.10	.01	.07	.07							.25
STICKNEY W SIDE TREAT																	.02	.01								.03
SULLIVAN WATER WORKS	//	.01	.02				.04	.07	.01																	.15
URBANA EXP FARM								.03											.06	.12						.21
VANDALIA				.01	.05	.03	.06	.01	.04	.01	.04															.25
														—28th—												
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP																						.01				.01
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST																								.01		.01
CHICAGO ROSELAND PUMP																								.01		.01
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL																						.03	.02			.05
CHICAGO SPRINGFLD PUMP																							.01			.01
CHICAGO UNIVERSITY																						.01	.03	.02	.01	.07
CHICAGO WB AIRPORT																						.01	.01			.02
CHICAGO WB CITY																							.01	.01		.02
EVANSTON PUMP STA					.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOLIET WB AIRPORT	6		*	*	*	*	*	.01													*	*	*	*	*	-
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA WB AIRPORT																	.01									.01
ROCKFORD CAA	6		*	*	*	*	*	.03																		-
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	.02
SPRINGFIELD WB AIRPORT	//																			.01						.01
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
														—29th—												
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST			.01																							.01
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL			.02																							.02
CHICAGO WB CITY		.01	.01																							.02
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOLIET WB AIRPORT	6	.01																								-
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.01	.01
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
														—31st—												
ALEXIS WATER WORKS												.01	.01	.02		.02	.01									.06
AUGUSTA HIGH SCHOOL									.02	.01	.01	.01	.01	.01	.01	.01	.01	.01								.10
BELLEVILLE SCOTT AF BSE	//																.01	.03	.10	.16						.30
BELVIDERE SEWAGE PLANT															.04	.09	.02									.15
BRADFORD CAA	6														*	*	*	*	*	.12						-

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CAIRO WB CITY																			.01	.02	.01	.01		.01	.06	.12
CAMP ELLIS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARPENTER 1 SW				.02	.03	.08	.09	.06																		.28
CHICAGO CAL TREAT WKS																	.01	.08	.10	.04					.01	.24
CHICAGO LAKEVIEW PUMP																	.03	.17	.12	.01	.01	.01		.01	.02	.38
CHICAGO LOYOLA UNIV																	.05	.14	.10				-	-	-	-
CHICAGO MAYFAIR PUMP ST																	.10	.17	.05	.01	.02	.01	.01	.01	.01	.39
CHICAGO N BRA PUMP STA																	.04	.15	.08	.01					.01	.29
CHICAGO ROSELAND PUMP																	.02	.04	.07	.01		.01		.01	.01	.17
CHICAGO SAN DIST DISPAT																	.03	.11	.08	.01		.01			.01	.25
CHICAGO SAN DIST OFF																	.04	.10	.07						.01	.22
CHICAGO S FILTER PL																	.02	.09	.10	.02			.01		.01	.25
CHICAGO SPRINGFLD PUMP																	.06	.16	.09	.01	.01	.02	.01	.01	.02	.39
CHICAGO UNIVERSITY																	.03	.08	.07	.04						.22
CHICAGO WB AIRPORT																	.06	.09	.10	.01			.01	.01	.01	.29
CHICAGO WB CITY																	.01	.06	.11	.05	.01				.01	.25
COLLINSVILLE																.01	.01	.02	.16	.04	.01					.25
COULTERVILLE																			.03	.19	.13	.03				.38
CRETE												.01	.01	.01	.01	.01		.05	.14	.13	.03			.01	.02	.43
DANVILLE HOSPITAL																			.01	.13	.01			.01	.01	.17
DIONA																			.07	.05	.13					.25
DOWNS 2 NE															.01	.04	.18	.10	.05							.38
DWIGHT STATE REFORM																.03	.06	.08	.06							.23
EFFINGHAM CAA	//																		.05	.07	.05					.17
EVANSTON PUMP STA																	.04	.15	.10			.01				.30
FAIRBURY WATER WORKS	//																.10	.08	.09	.01						.28
FARMER CITY															.01	.01	.23	.14	.09	.01						.49
FULTON DAM 13														.05												.05
GALATIA 1W																			.04	.05	.05					.14
GLENDALE EXP FARM																				.11	.04	.03				.18
GOLCONDA DAM 51																			.01	.13	.03	.03				.20
GREENFIELD																		.01	.09	.01						.11
HOOPESTON																		.01	.05	.12	.04					.22
JACKSONVILLE SEWAGE PL														.01	.11	.01	.03	.08	.01							.25
JOLIET WB AIRPORT	6														*	*	*	*	*	.20						-
KANKAKEE SEWAGE PLANT														.01		.01	.01	.04	.16	.07	.01					.31
KEWANEE LAKES PARK															.10	.01	.06							.01	.01	.19
LAMARK														.02	.01											.03
LAWN RIDGE															.02	.05	.02	.04	.02	.01	.01					.17
LOCKPORT LOCK AND DAM																.02	.06	.09	.07							.24
LOCKPORT POWER HOUSE																	.08	.09	.08	.01					.01	.27
LOUISVILLE																			.01	.05	.13				.01	.20
MANTETTA														.03	.07	.04	.07									.21
MAROA SEWAGE PLANT															.01	.03	.17	.09	.18							.38
MASON CITY															.01	.19	.09	.02	.01							.32
MC HENRY																.20	.14	.09								.43
MOLINE WB AIRPORT	//												.01		.02	.05										.08
MORRISONVILLE																	.02	.03	.05	.05						.15
MT CARMEL WATER WORKS																					*	.25				.25
MURPHYSBORO WATER WORKS	//																		.08	.02	.03	.01			.01	.15
NEWTON																				.06	.09	.05				.20
OREGON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.47		1.47
PEORIA LOCK AND DAM	//														.03	.07	.10	.05								.25
PEORIA WB AIRPORT														.01	.01	.05	.10	.06								.23
PIPER CITY																		.09	.13	.09	.01					.32
PRAIRIE DU ROCHER W WKS																	.04	.08	.07	.07	.03					.29
PRINCETON 1 S	//														.05	.05	.04	.04							.03	.21
PROPHETSTOWN														.05	.01	.01	.04									.11
QUINCY CAA	6								*	*	*	*	*	.02	*	*	*	*	*	.13						-
QUINCY DAM 21													.11	.01		.03	.02									.17
RICHVIEW																				.22	.08				.01	.31
ROCKFORD CAA	6														*	*	*	*	*	.11						-
SKOKIE N S TREAT WKS																	.11	.14	.03						.01	.29
SPRINGFIELD WB AIRPORT	//														.01	.09	.02	.06	.04							.22
STICKNEY W SIDE TREAT																	.07	.15	.09	.01			.01		.01	.34
SULLIVAN WATER WORKS	//																		.07	.05	.08					.20
URBANA EXP FARM																			.06	.07	.10					.23
VANDALIA																	.02	.01	.04	.13						.20
WASHINGTON																.08	.03	.09	.01	.01	.01					.23
WATERMAN	//														.07	.07	.15	.10	.01							.40
WENONA																.02	.05	.04	.04	.01						.16

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	33	19	33	54	60	59	55	45	21	39	39	29	29	49	43	38	40	35	33	36	37	38	50	45	51	72	65	41	42	52	52	43.0
	MIN	14	0	11	27	35	36	43	11	12	20	27	17	14	15	23	29	30	20	24	29	33	32	28	32	31	44	40	32	24	25	28	25.4
ALTON DAM 26	MAX	38	32	44	56	70	67	60	34	38	50	50	32	32	50	45	40	58	40	37	44	52	42	57	60	60	78	66	46	44	55	58	49.5
	MIN	17	12	22	28	30	40	30	18	18	26	32	26	20	19	34	32	30	24	29	36	35	33	37	36	34	52	46	34	31	29	34	29.8
ANNA	MAX	46	38	40	55	68	63	59	55	42	57	57	56	35	45	43	42	64	53	50	50	56	53	55	63	64	76	71	60	51	52	60	54.2
	MIN	29	14	21	30	35	40	45	20	16	26	44	33	25	20	29	36	31	27	32	35	35	32	30	42	37	60	50	46	30	26	36	32.6
ANTIOCH	MAX	30	13	26	43	50	42	54	43	27	33	33	28	26	40	36	33	38	30	31	35	38	37	39	41	46	41	59	47	35	43	49	37.6
	MIN	12	-5	7	21	36	29	31	12	8	16	25	13	7	4	15	23	27	15	21	29	29	32	32	32	23	24	40	30	18	23	30	21.3
AURORA COLLEGE	MAX	31	16	30	43	52	47	55	45	28	37	38	28	25	41	38	34	40	32	32	38	41	40	43	45	48	55	64	49	38	45	55	40.4
	MIN	15	-1	8	28	36	33	37	14	11	21	27	19	12	11	21	28	30	17	24	30	30	32	31	32	29	38	38	32	21	23	32	24.3
BELLEVILLE SCOTT AF	MAX	39	27	40	56	70	68	59	51	35	53	59	45	30	47	46	41	65	42	43	44	53	42	58	63	64	78	68	50	42	51	58	51.2
	MIN	20	14	22	30	36	40	33	19	20	27	35	26	24	23	32	35	32	29	31	33	37	34	33	42	36	43	50	35	33	29	37	31.3
BLOOMINGTON NORMAL	MAX	38	24	34	51	60	60	59	52	27	41	40	36	29	41	41	40	41	37	33	39	45	45	53	52	55	75	73	57	40	48	58	45.9
	MIN	20	2	12	30	35	35	42	15	13	23	33	24	17	19	26	29	33	21	26	32	34	32	31	35	31	46	55	35	25	25	36	28.1
CAIRO WB CITY	MAX	46	33	44	55	65	65	61	44	41	58	58	43	34	47	50	46	63	49	55	44	60	47	61	70	69	77	63	63	43	54	61	53.8
	MIN	28	19	28	34	39	44	44	26	23	33	43	33	27	25	32	37	35	32	38	37	40	39	34	45	44	61	53	43	36	34	41	36.4
CARBONDALE SEWAGE PL	MAX	54	39	40	56	69	67	60	54	40	56	58	57	37	47	48	43	66	57	48	49	57	55	60	68	67	77	71	69	50	52	60	55.8
	MIN	30	16	22	26	34	37	47	22	20	26	46	34	27	22	29	39	31	30	41	37	34	35	30	36	36	56	52	47	33	28	36	33.5
CARLINVILLE 4E	MAX	40	25	40	54	66	67	57	54	34	48	48	38	30	44	44	41	54	41	36	42	50	40	55	58	60	79	69	54	43	50	60	49.1
	MIN	24	8	15	26	33	34	44	14	15	23	34	22	19	18	26	31	31	24	27	32	35	31	25	36	29	47	46	30	30	26	28	27.8
CARLYLE	MAX	43	30	40	50	69	68	59	55	34	53	55	46	33	47	47	42	61		44	46	59	42	58	69	62	77	71	58	43	53	60	52.5
	MIN	26	10	19	27	35	38	45	17	17	24	38	26	21	21	30	33	32		26	41	38	34	29	35	34	52	51	38	31	27	38	31.1
CHARLESTON	MAX	45	29	36	53	65	65	58	55	34	44	50	50	32	43	45	44	55	39	42	44	50	48	56	59	59	75	74	58	40	49	60	50.2
	MIN	25	7	14	30	35	36	43	18	15	15	36	30	22	19	28	30	33	25	29	37	39	34	32	38	32	52	51	37	29	24	33	29.9
CHICAGO UNIVERSITY	MAX	28	11	29	45	51	42	55	42	27	38	38	27	27	40	36	32	40	28	33	37	44	42	38	46	42	64	64	42	36	42	52	39.3
	MIN	11	0	10	29	40	32	41	15	12	25	28	23	19	17	25	29	28	22	24	31	35	34	34	36	34	37	42	29	24	29	36	26.8
CHICAGO WB AIRPORT	MAX	25	14	30	45	51	48	57	39	27	41	37	29	26	41	33	33	40	30	34	40	45	41	43	46	48	64	63	42	36	43	55	40.2
	MIN	10	0	6	29	39	32	38	14	11	22	28	23	16	15	23	30	25	19	24	31	35	34	33	35	31	39	42	29	22	26	33	25.6
CHICAGO WB CITY	MAX	28	14	31	44	53	41	56	39	29	37	38	29	27	41	35	33	41	28	33	39	46	43	41	48	41	62	63	43	32	45	56	39.9
	MIN	13	1	13	31	41	33	39	15	13	24	29	23	19	18	24	29	28	22	24	31	32	36	36	36	35	36	43	30	25	30	39	27.4
CICERO	MAX	31	16	31	46	55	47	57	49	29	40	38	33	28	43	36	36	40	32	34	40	45	42	45	48	47	52	62	49	37	46	54	41.5
	MIN	15	0	7	27	38	32	39	17	11	22	32	23	15	14	22	29	30	19	23	31	34	34	34	36	31	38	48	32	22	25	33	26.2
DANVILLE	MAX	35	20	33	50	60	58	58	53	34	45	45	36	30	39	40	41	49	36	38	40	47	42	52	59	55	74	69	49	39	46	59	46.2
	MIN	19	5	10	30	37	33	40	20	14	22	34	25	19	12	27	28	32	22	27	34	36	35	33	39	32	46	48	33	27	22	33	28.2
DECATUR	MAX	34	21	34	55	65	66	56	51	31	42	44	35	31	44	42	41	51	37	37	41	49	45	56	58	60	79	69	51	43	50	60	47.7
	MIN	19	5	15	30	36	36	44	16	14	24	34	22	20	17	28	30	33	23	27	34	36	32	30	38	31	45	51	34	27	23	37	28.7
DIXON	MAX	31	15	30	45	55	49	53	49	28	36	33	30	27	45	43	35	38	32	31	39	38	39	48	45	48	57	61	46	40	45	52	40.7
	MIN	13	-3	4	27	34	33	39	14	8	17	26	15	8	9	18	27	30	17	23	28	30	32	28	31	30	38	45	31	21	24	32	23.5
DU QUOIN	MAX	50	34	41	56	70	70	59	57	40	57	55	55	39	46	47	41	65	51	47	48	55	45	60	66	68	75	71	59	48	50	61	54.4
	MIN	29	15	20	30	36	41	46	21	20	27	45	26	25	21	31	37	32	28	32	38	39	33	29	39	36	59	51	45	32	27	35	33.1
EAST ST LOUIS	MAX	45	32	39	58	71	70	62	59	36	54	59	40	33	50	45	42	66	44	41	44	50	46	60	66	64	82	72	59	45	56	60	53.2
	MIN	30	13	22	31	35	40	48	19	20	28	39	29	23	22	33	33	33	29	30	36	35	34	31	40	36	58	54	40	34	29	35	32.9
EFFINGHAM CAA	MAX	37	24	39	53	65	65	57	35	34	44	52	34	30	43	44	41	54	38	45	44	50	38	55	60	59	75	61	47	39	47	61	47.4
	MIN	15	10	15	32	34	38	34	18	15	24	34	24	23	21	28	32	29	26	28	37	37	34	32	39	32	51	46	34	27	25	34	29.3
ELIZABETHTOWN	MAX	52	38	44	58	68	67	64	60	42	58	57	54	38	48	46	46	63	60	55	52	59	57	60	70	70	78	75	63	55	52	64	57.2
	MIN	31	15	21	31	33	37	48	24	20	26	44	36	27	20	24	38	31	29	34	37	35	34	39	44	39	60	51	48	30	26	34	33.7
FAIRFIELD	MAX	47	30	40	50	70	67	63	60	37	51	53	55	40	45	59	46	64															
	MIN	10	14	19	30	34	40	40	20	20	24	42	36	24	20	30	36	33															
FLORA	MAX	50	30	38	51	65	67	62	58	35	49	53	52	34	46	49	45	62	49	49	46	52	48	59	69	70	77	73	61	43	49	63	53.4
	MIN	28	13	19	28	35	39	44	21	19	25	39	32	25	22	30	36	33	28	30	38	39	34	31	42	30	33	52	42	33	26	35	31.6
FREEPORT	MAX	29	15	28	44	51	48	52	44	26	35	32	27	27	41	35	35	37	31	32	37	36	38	43	40	45	48	59	40	39	44	50	38.3
	MIN	11	-5	2	27	36	30	36	12	8	18	24	11	6	4	15	24	29	15	22	28	31	32	30	33	29	35	39	29	22	24	32	22.2
FULTON DAM 13	MAX	33	17	29	46	46	47	50	46	25	34	35	26	28	38	38	35	36	31	30	38	37	36	46	43	45	60	63	41	35	42	47	38.8
	MIN	13	-2	7	26	36	33	36	13	12	18	25	16	12	12	22	27	30	20	24	28	32	32	31	33	33	34	40	30	25	27	33	24.5
GALESBURG	MAX	37	32	34	55	63	59	55	44	28	45	37	28	31	49	40	37	41	34	33	38	41	36	52	42	52	72	65	38	42	50	54	44.0
	MIN	9	-1	10	25	36	35	39	11	12	20	25	18	14	17	23	28	25	20	24	27	32	31	26	32	35	43	37	31	24	26	37	24.9
GALVA	MAX	34	21	31	57	59	56	57	50	28	39	39	30	30	47	43	37	43	38	33	38	41	41	53	41	52	71	64	45	41	49	55	44.0
	MIN	15	-1	9	26	35	33	41	13	11	12	25	17	13	14	23	28	28	20	25	30	32	32	28	31	28	42	42	32	23	26	33	24.7
GOLCONDA DAM 51	MAX	44	30	42	54	63	62	60	48	38	54	56	44	34	44	44	44	62	44	60	54	58	40	58	68	64	72	71	62	44	50	60	52.5
	MIN	26	16	22	28	32	36	48	24	20	27	44	32	26	20	30	34	32	30	35	35	36	32	30	44	40	62	49	40	30	28	36	33.0
GREENVILLE	MAX	42	27	38	57	68	68	57	53	34	49	54	42	31	46	47	43	57	42	41	45	53	41	57	62	61	77	69	56	42	50	59	50.6
	MIN	22	10	19	27	34	39	44	17	17	25	38	28	21	21	29	33	31	27	29	37	37	33	30	39	32	54	52	38	30	27	34	30.8
GRIGGSVILLE	MAX	39	27	40	58	66	68	60	42	30	45	43	32	34	48	43	42	52	43	33	40	45	44	55	57	58	83	78	51	43	58	57	48.8
	MIN	19	4	16	26	37	33	38	11	13	20	28	20	14	17	25	28	31	21	24	28	31	29	29	33	29	49	47	31	26	23	35	26.3
HARRISBURG	MAX	46	30	41	59	71	69	64	60	51	56	58	56	36	46	49	52	64	46	52	48	58	53	60	68	73	80	73	60	48	50	64	56.2
	MIN	29	16	20	26	32	35	35	23	21	23	45	29	26	22	29	38	33	29	32	42	36	35	30	41	35	57	46	37	35	26	37	32.3
HAVANA	MAX	38	22	38	56	62	65	61	53	29	44	42	32	32	47	44	41	48	37	36	42	42	40	56	53	57	80	72	48	44	50	59	47.4
	MIN	21	5	15	30	33	33	45	15	15	23	32	23	18	17	25	30	32	23	25	31	35	32	27	33	29	47	47	35	27	27	37	28.0
HENRY	MAX	31	17	31	50	62	56	52	45	28	38	35	29	30	44	39	39	43	35	32	37	42	40	54	44	53	69	68	45	43	49	57	43.1
	MIN	15	1	7	28	35	34	41	10	11	19	27	21	8	18	24	30	28	20	26	30	32	32	28	33	31	42	45	31	22	24	36	25.5
HILLSBORO	MAX	45	30	38	54	67	68	61	54	33	48	50	42	31	45	45	44	54	46	40	44	52	45	56	60	61	78	70	60	44	51	60	50.8
	MIN	26	10	18	26	33	38	45	16	17	25	38	26	21	21	28	32	33	26	28	35	37	32	28	37	32	53	53	36	31	26	36	30.4
HOOPESTON	MAX	34	20	32	50	60	55	57	51	29	42	43	35	28	39	37	39	45	35	35	37	45	44	51	51	53	73	67	53	38	44	57	44.5
	MIN	20	3	8	28	35	34	36	18	12	22	32	20	19	8	25	28	31	21	26	33	33	34	32	37	29	44	52	34	26	23	31	26.9
JACKSONVILLE	MAX	40	26	40	58	67	70	61	51	32	47	42	34	33	48	43	41	52	38	37	40	48	43	57	57	59	83	73	53	44	52	58	49.3
	MIN	24	8	18	29	33	36	47	15	16	25	34	25	18	16	27	31	33	25	27	32	36	32	26	32	31	52	53	35	30	23	37	29.2
JERSEYVILLE	MAX	42	31	39	57	68	67	64	61	36	49	49	38	30	47	47	45	55	53	36	41	51	42	58	62	60	82	73	61	44	52	59	51.6
	MIN	19	10	19	28	34	31	47	11	18	24	38	22	20	18	30	32	32	26	28	32	35	32	29	37	34	55	50	36	31	29	35	29.7

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JOLIET WB AIRPORT	MAX	25	13	30	43	51	48	55	33	29	39	37	28	27	40	39	37	41	32	35	39	43	39	45	47	50	65	63	41	37	45	56	40.4
	MIN	8	0	1	29	33	33	33	15	12	20	25	24	17	12	22	29	26	19	24	30	32	34	32	32	27	39	41	30	21	22	31	24.3
KANKAKEE	MAX	33	18	31	46	52	51	55	49	27	39	39	32	30	38	40	40	41	32	34	36	44	42	48	49	51	69	68	52	38	44	56	42.7
	MIN	16	1	6	28	37	32	36	18	12	21	31	21	17	15	25	29	30	21	24	31	33	33	32	36	30	40	51	34	23	24	33	26.5
KANKAKEE 4 W	MAX	34	20	30	44	49	50	54	51	28	39	38	32	26	38	39	38	42	32	34	36	43	42	46	47	50	68	67	54	37	44	57	42.2
	MIN	19	0	3	28	35	32	34	17	12	19	31	22	17	14	24	28	31	20	24	31	32	33	31	35	28	39	53	33	22	23	30	25.8
KEWANEE	MAX	23	18	30	48	59	54	50	45	26	36	36	28	26	46	40	40	42	36	32	36	39	36	51	47	50	69	64	41	40	48	50	41.5
	MIN	16	- 2	8	23	37	33	41	13	10	19	23	18	13	16	23	29	28	19	25	29	30	32	33	30	29	42	40	30	23	26	35	24.9
LA HARPE	MAX	35	22	36	56	62	64	61	50	37	44	41	29	32	49	48	42	45	35	32	39	38	42	53	54	57	73	69	46	44	54	55	46.6
	MIN	20	3	15	27	34	36	45	12	14	21	28	19	15	17	25	29	30	22	25	29	32	32	25	32	29	46	44	33	25	24	38	26.6
LA SALLE	MAX	32	17	31	49	56	54	54	47	28	38	37	29	29	45	42	39	43	33	34	37	43	41	52	47	53	70	68	45	41	47	59	43.2
	MIN	15	1	9	29	38	35	40	16	12	20	29	21	14	19	23	30	31	21	26	31	32	34	33	32	30	41	45	34	24	26	36	26.7
LINCOLN	MAX	34	22	38	53	62	64	55	51	29	44	42	34	31	43	40	40	50	36	37	42	47	42	55	54	58	77	69	49	44	50	57	46.7
	MIN	19	5	15	28	36	36	43	16	14	25	33	23	19	20	27	30	32	22	28	34	37	33	29	38	31	47	48	35	27	25	36	28.7
MARENGO	MAX	28	16	31	41	51	44	55	43	28	37	36	29	29	42	36	37	40	30	36	35	38	36	41	40	50	44	58	38	37	35	49	38.4
	MIN	13	- 3	5	25	36	30	32	13	9	19	26	13	8	7	15	23	28	15	22	28	29	32	30	31	27	34	33	30	20	21	31	22.0
MATTOON	MAX	32	22	36	51	61	62	56	35	32	44	49	32	28	41	43	41	52	37	42	43	49	38	54	56	54	73	63	47	38	46	59	45.7
	MIN	13	8	18	29	36	37	35	16	15	24	32	22	22	22	32	29	29	24	28	37	38	35	32	38	33	52	46	34	29	24	34	29.1
MC LEANSBORO	MAX	50	35	42	57	69	67	60	60	36	53	55	55	36	46	48	42	65	55	50	50	57	59	60	65	67	77	75	59	48	50	62	55.2
	MIN	30	15	19	29	32	40	46	21	20	25	44	34	26	21	30	37	32	27	32	38	37	34	30	44	33	55	51	46	33	28	35	33.0
MINONK	MAX	34	26	32	48	56	54	54	45	28	39	39	31	30	42	39	39	37	32	33	35	41	43	53	50	53	73	68	53	40	48	60	43.7
	MIN	17	1	8	22	35	34	37	11	12	19	31	22	15	17	25	26	25	20	21	30	31	31	31	34	33	43	53	34	24	32	37	26.2
MOLINE WB AIRPORT	MAX	27	17	33	53	58	56	54	28	25	37	34	27	27	48	39	35	40	32	32	36	39	39	49	43	49	70	62	37	40	49	52	40.9
	MIN	7	0	11	28	37	35	28	12	12	21	22	17	13	18	24	29	26	21	28	31	33	33	28	32	28	42	37	30	25	26	37	24.8
MONMOUTH AIRPORT	MAX	32	35	32	53	59	58	53	46	26	40	38	27	30	48	42	38	42	33	33	36	38	37	50	46	52	71	68	51	40	51	53	43.8
	MIN	15	0	12	27	37	35	32	11	12	20	26	13	14	17	23	26	30	19	26	24	32	32	26	32	33	43	38	32	27	25	35	25.0
MORRIS 3 NE	MAX	34	19	32	44	50	50	54	50	29	38	37	32	28	41	45	39	44	34	34	37	42	42	47	47	50	67	67	58	38	46	59	43.0
	MIN	17	- 1	8	29	36	33	39	18	11	19	32	23	14	13	23	28	32	19	19	30	31	33	31	32	28	39	54	33	23	24	31	25.8
MORRISON	MAX	32	15	30	49	54	53	52	47	25	35	30	31	28	47	40	34	40	33	32	40	39	39	50	45	46	61	65	40	43	47	51	41.1
	MIN	12	- 3	7	23	37	33	36	13	10	17	24	15	11	13	21	27	30	18	24	29	32	32	29	32	33	39	40	31	23	26	33	24.1
MORRISONVILLE 1 E	MAX	41	29	38	53	65	66	55	53	32	45	47	38	29	43	43	41	53	43	39	43	50	40	54	57	58	76	71	55	43	49	59	48.6
	MIN	26	8	17	26	33	35	44	16	16	25	37	24	21	18	29	32	34	25	29	34	37	33	30	37	31	52	53	34	31	25	35	29.9
MT CARMEL	MAX	48	32	40	55	66	70	65	45	40	50	52	53	38	46	50	48	62	55	55	50	55	52	58	66	65	78	72	60	50	50	64	54.5
	MIN	28	13	18	27	32	40	40	20	18	25	42	35	25	21	31	28	32	28	32	37	40	34	32	44	34	55	50	45	32	25	34	32.2
MOUNT CARROLL	MAX	31	15	28	47	52	49	50	47	25	34	33	29	26	45	38	33	38	31	32	40	38	38	48	42	46	53	52	42	39	43	56	39.7
	MIN	12	- 5	2	27	36	32	38	12	9	17	24	14	9	3	17	25	29	14	23	28	32	32	30	38	33	37	42	30	23	25	31	23.1
MT VERNON	MAX	41	29	44	58	70	69	59	42	37	55	55	43	45	49	48	42	61	45	47	50	57	41	62	65	68	75	65	53	43	51	60	52.5
	MIN	26	9	15	25	28	36	42	17	16	21	38	30	23	18	26	34	29	22	27	34	36	31	28	38	32	56	53	43	34	28	37	30.1
NEW BURNSIDE	MAX	48	34	42	56	68	67	61	55	41	56	57	55	36	46	46	43	63	52	54	50	58	49	60	70	55	78			46	50	62	54.2
	MIN	29	15	19	29	34	42	47	23	18	23	43	33	25	18	28	38	30	28	33	35	34	33	28	40	38	60			29	25	34	31.4
NEWTON	MAX	36	33	38	58	66	66	59	52	33	45	47	39	35	47	48	45	57	47	39	44	51	47	58	59	63	78	70	58	42	49	64	50.7
	MIN	23	15	22	30	30	35	46	20	17	26	35	28	24	20	25	33	29	21	29	34	38	33	31	39	31	52	52	40	32		29	30.6
OLNEY RADIO STA	MAX	39	29	38	54	66	68	63	57	37	48	51	50	34	45	49	45	59	49	53	48	53	49	58	63	64	76	72	60	44	49	61	52.6
	MIN	29	14	14	29	35	38	48	21	19	25	40	34	26	23	31	35	33	27	31	38	40	36	31	41	32	55	52	43	33	24	33	32.6
OTTAWA	MAX	32	17	31	47	57	52	55	47	29	38	37	33	30	43	41	39	46	38	36	38	43	40	52	49	51	70	68	46	42	48	56	43.6
	MIN	15	1	7	29	38	35	37	16	12	20	30	22	14	16	24	30	30	21	26	32	33	34	33	33	30	41	45	33	28	34	26	26.5
PALESTINE	MAX	37	29	38	55	58	65	62	50	34	45	51	50	34	43	48	43	51			45	49	47	57	62	60	77	67	55	40	47	61	50.3
	MIN	23	11	14	28	32	36	45	25	17	24	42	32	24	21	28	32			30	39	40	35	32	40	32	52	52	39	31	24	33	31.5
PANA	MAX	38	25	38	54	65	67	57	53	37	47	51	37	31	44	45	41	58	38	41	44	50	41	55	60	60	82	77	52	42	50	67	49.9
	MIN	22	8	14	25	33	35	42	16	15	21	35	24	20	18	28	30	31	24	28	34	36	32	29	35	30	50	50	33	28	34	34	28.8
PARIS WATER WORKS	MAX	37	27	35	52	60	63	60	57	32	44	49	48	31	41	46	38	54	39	44	44	50	43	54	56	59	75	70	55	38	46	60	48.6
	MIN	22	8	13	27	37	33	43	18	16	22	36	29	22	18	28	30	30	24	28	35	38	34	34	37	30	49	51	36	29	22	33	29.4
PEORIA WB AIRPORT	MAX	29	20	35	51	60	60	53	29	27	41	38	28	30	44	41	40	44	36	34	39	45	37	52	47	53	74	64	40	41	47	57	43.1
	MIN	10	2	15	30	34	38	29	14	13	22	25	21	16	17	26	30	26	21	25	33	33	33	29	32	29	46	40	30	26	26	37	26.1
PONTIAC	MAX	34	20	32	49	55	55	54	50	28	39	39	33	28	40	39	40	44	35	33	36	43	42	50	48	53	71	69	51	39	45	58	43.6
	MIN	18	2	10	28	35	33	38	16	13	20	31	23	11	17	25	29	31	21	25	31	33	33	32	36	30	42	50	34	24	25	33	26.7
QUINCY	MAX	37	27	40	60	67	70	62	36	30	45	43	28	34	52	43	45	51	37	33	41	41	45	56	57	57	80	65	46	44	59	54	47.9
	MIN	20	7	20	33	40	40	36	13	17	24	28	21	16	21	30	31	34	25	26	31	34	32	27	36	34	54	46	34	27	26	41	29.2
QUINCY CAA	MAX	33	25	39	56	66	69	61	28	30	45	41	27	32	48	41	42	50	36	33	38	43	43	54	55	55	81	58	39	42	55	53	45.7
	MIN	10	5	19	28	35	36	19	11	15	21	26	20	16	16	26	30	26	23	26	30	31	30	25	31	30	51	34	29	26	22	35	25.2
RANTOUL CHANUTE AF	MAX	31	20	33	50	61	57	54	34	28	41	43	31	28	39	38	38	45	35	36	37	45	37	53	48	54	73	64	42	38	46	57	43.1
	MIN	10	2	12	23	35	34	37	18	14	23	30	21	17	14	28	29	29	24	28	34	34	33	34	35	33	46	53	31	28	26	30	27.3
ROBERTS 3 N	MAX	34	21	32	47	56	54	54	50	28	40	40	35	26	37	36	39	45	33	34	36	43	43	50	48	49	71	61	54	37	45	57	43.1
	MIN	19	2	2	25	35	32	36	17	10	21	32	20	11	11	25	29	31	21	19	31	32	33	32	35	30	43	41	33	20	25	30	25.3
ROCKFORD	MAX	30	16	28	44	55	47	52	48	28	35	35	30	27	42	40	34	33	33	33	37	38	38	45	40	47	46	50	47	39		52	39.0
	MIN	15	- 6	6	26	38	32	36	13	13	19	25	12	7	8	16	23	30	15	22	28	28	32	32	33	27	35	45	31	20		32	23.1
ROCKFORD CAA	MAX	24	13	28	44	51	45	51	32	27	35	35	25	23	40	34	33	38	33	33	36	37	37	43	39	46	58	58	41	38	44	50	37.8
	MIN	6	- 4	6	28	33	30	32	12	9	20	17	13	5	- 1	15	24	22	16	24	29	30	32	32	32	28	32	37	27	22	23	30	21.3
RUSHVILLE	MAX	36	26	38	53	65	66	59	49	28	40	40	32	34	48	40	39	50	35	33	40	44	42	54	54	55	80	60	60	44	52	53	46.7
	MIN	20	5	16	29	34	36	45	16	17	27	28	20	19	18	28	31	32	25	27	32	33	32	28	36	32	54	47	37	30	27	27	28.6
SPARTA	MAX	50	36	42	57	75	70	60	58	38	52	57	55	32	47	45	41	72	55	45	44	57	47	61	65	66	78	70	61	47	53	60	54.7
	MIN	29	13	18	26	36	40	46	19	19	25	43	31	24	19	30	35	30	27	31	36	34	33	32	41	34	56	50	41	32	28	37	32.1
SPRINGFIELD WB AIRPORT	MAX	32	23	38	52	63	66	56	28	29	44	43	30	30	42	41	40	50	34	36	40	47	37	52	55	55	78	66	41	42	49	57	45.0
	MIN	13	7	18	30	35	36	28	15	15	25	30	23	19	17	29	31	28	25	28	34	36	32	28	34	33	52	41	32	27	25	40	27.9
SPRINGFIELD WB CITY	MAX	35	23	38	55	64	66	56	30	31	45	45	30	31	44	43	41	51	36	38	42	48	39	53	56	57	79	67	44	43	49	59	46.4
	MIN	15	8	20	30	39	38	30	17	17	25	30	24	21	21	31	32	29	26	29	34	38	34	32	39	35	53	44	35	31	30	41	29.9
STOCKTON	MAX	29	12	25	44	47	46	48	44	23	31	31	24	23	40	35	32	35	28	30	35	35	36	45	40	43	43	58	42	37	42	49	36.5
	MIN	12	- 8	2	24	34	34	36	9	5	17	22	8	3	8	10	21	27	10	18	29	31	32	28	32	31	34	40	30	21	23	31	21.1
SYCAMORE	MAX	30	13	28	42	51	45	50		27	36	35	28	26	41	34	33	38	31	31	30	39	38	44	42	46	51	61	42	37	43	50	38.1
	MIN	10	- 3	4	26	35	30	34	12	8	18	24	13	8	8	17	24	26	15	21	28	29	31	30	31	28	34	41	29	20	22	31	22.1

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
TABLE GROVE	MAX	34	22	37	55	61	64	56	41	27	43	39	29	31	48	40	39	45	34	34	39	43	38	53	44	55	80	62	43	43	50	56	44.7
	MIN	16	3	15	30	38	34	41	13	14	21	29	21	16	18	26	29	33	23	25	31	33	32	27	33	31	45	43	33	26	26	38	27.2
TUSCOLA	MAX	40	27	36	52	64	62	57	52	33	44	46	41	30	42	42	42	53	41	38	41	49	47	56	57	58	75	73	59	41	48	60	48.6
	MIN	22	7	13	27	33	34	40	12	14	24	35	25	20	14	28	29	32	24	29	35	36	34	32	39	30	50	53	35	29	23	31	28.7
URBANA	MAX	30	21	34	50	61	60	54	50	30	42	43	35	30	40	40	40	48	34	36	40	46	42	53	51	55	73	59	50	39	46	57	44.8
	MIN	20	5	13	17	36	36	40	18	15	23	33	22	21	14	28	29	34	23	27	34	35	33	33	39	33	43	50	34	29	24	33	28.2
VIRDEN	MAX	39	27	38	53	65	67	57	54	32	45	45	37	30	42	42	41	53	41	36	42	49	41	53	57	58	78	69	55	43	50	59	48.3
	MIN	23	9	21	25	34	35	44	15	16	25	36	25	20	15	28	32	33	25	28	32	36	32	29	36	30	52	52	35	30	26	36	29.5
WALNUT	MAX	34	19	31	47	53	51	53	49	36	37	35	27	25	45	44	37	40	32	32	39	39	39	49	46	49	61	64	48	40	44	53	41.9
	MIN	18	- 1	8	28	36	34	37	14	11	19	26	17	12	16	22	28	30	19	24	30	32	32	29	32	33	40	46	32	23	25	34	25.4
WATSEKA	MAX	34	20	32	48	57	52	55	51	29	39	41	34	29	37	39	39	43	34	35	37	44	43	48	50	52	72	69	50	39	45	56	43.6
	MIN	20	3	7	29	36	34	38	19	13	21	33	20	20	12	26	31	32	22	25	32	34	35	34	38	30	43	46	34	25	24	32	27.4
WAUKEGAN	MAX	30	13	27	43	52	52	57	43	28	34	35	27	25	41	35	32	40	28	35	36	39	38	40	43	46	41	60	48	35	44	47	38.5
	MIN	12	- 4	5	26	38	31	34	13	9	17	26	18	9	7	11	25	26	15	23	29	31	32	33	33	29	35	39	30	17	23	31	22.7
WHITE HALL 1 E	MAX	45	31	39	56	70	68	67	60	31	47	45	37	31	45	45	43	51	50	37	41	48	42	56	59	61	82	78	58	43	53	59	50.9
	MIN	26	10	18	27	31	36	45	15	17	25	36	25	19	15	26	32	31	26	28	32	35	32	26	37	30	55	56	35	31	26	36	29.6
WINDSOR	MAX	40	25	37	52	62	63	56	52	33	43	50	45	34	41	43	42	54	43	38	43	49	46	54	56	57	75	70		39	47	60	48.3
	MIN	25	7	13	29	32	33	42	16	15	22	35	27	21	17	27	31	31	24	28	34	32	32	31	38	30	50		35	28	22	32	28.0

Table 6

EVAPORATION AND WIND

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Carbondale Sewage Plant	EVAP					.60	.08	.25	*	*	*	.36	.18	*	*	*	.07	.01	.28	.03	.06	.14	.11	*	.08	.31	.08				.06	.11	3.62B
	WIND		128	50	40	50	53	87	210	122	31	150	146	76	88	72	60	60	175	141	86	52	111	55	90	119	232	232	185	114	64	55	3125

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Anna	SNOWFALL							T	T														T									
	SN ON GND																															
Antioch	SNOWFALL	T	T	T					T			5.0	T							T	T								T	T		
	SN ON GND	4	4	4	2	T	T	T	T	T	T	5	5	5	2	1	1	T	T	T	T	T	T						T	T		
Aurora College	SNOWFALL	0.3			T				0.4		0.1	0.7	0.1				0.1	0.2		T			T						T			
	SN ON GND	5	5	3	1	T			T	T	T	1	1	T	T		T			T									T			
Belleville Scott AF	SNOWFALL	T							T					T						T			T									
	SN ON GND																															
Bloomington Normal	SNOWFALL	T		T				T				T	T	T			0.2															
	SN ON GND																															
Cairo WB City	SNOWFALL								T					T									T							T		
	SN ON GND																															
Carlinville 4 E	SNOWFALL	T							T				0.6	T			1.5						T									
	SN ON GND												1	T	T																	
Chicago WB Airport	SNOWFALL	T	T	T					0.1		2.5	1.6	2	T			0.7	T	T	0.1			T	T	T	T		T	0.3	T		
	SN ON GND	1	1	1	T				T			2	2	1	T		1	T		T			T						T			
Danville	SNOWFALL	1.0							T				3.0	2	1		0.5															
	SN ON GND	1	T										3																			
Decatur	SNOWFALL	0.1									0.5		3.8	0.2			2.3			2.0									T	T		
	SN ON GND	T									T		02	1	T		T			1									T	T		
Dixon	SNOWFALL	T		T					T		T	1.5					T			T	T									T		
	SN ON GND	2	2	2	1							2	1	T			T			T												
Effingham CAA AP	SNOWFALL	T							T		T						T			T			T						T	T		
	SN ON GND												T	T																		
Galva	SNOWFALL			T					T			0.8								T			T									
	SN ON GND											1	T										T									
Golconda Dam 5E	SNOWFALL									T														T							T	
	SN ON GND																															
Greenville	SNOWFALL												T																	T		
	SN ON GND																															
Harrisburg	SNOWFALL								T							T							T							T		
	SN ON GND																						T									
Henry	SNOWFALL	1.0	T						T		0.2	T					T												T			
	SN ON GND	2	2	1	1	T					T	1	1	T																		
Joliet WB Airport	SNOWFALL	0.3	0.1	T					T		1.0	1.5	T				0.3	T		T			T			T	T		0.1	0.1		
	SN ON GND	4	4	3	2	T	T		T			1	1	T			T			T												
Kankakee	SNOWFALL	0.3							T				T	0.6			T															
	SN ON GND	3	3	3	1	T							T	1	T		T															
La Harpe	SNOWFALL	T		0.4					T				T	T			1.0			3.5	1.0		T						T			
	SN ON GND			T										T						3												
Lincoln	SNOWFALL	T							T					0.5			T			T			T			T			T			
	SN ON GND													1																		
Marengo	SNOWFALL			0.2					T			6.0	0.3				T			0.2	T	T	T						0.2	T		
	SN ON GND	2	1	1	T				T			6	5	3	T	T	T	T	T	T	T	T							T	T		
Moline WB AP	SNOWFALL	0.1	T	0.7				T	T	T	0.3	0.1					0.8			0.5	T	T				T	T	T	T	T		
	SN ON GND	T	T	1								T	T	T			T			T									T			
Monmouth Airport	SNOWFALL																			2.5												
	SN ON GND																			3												
Morrison	SNOWFALL	0.2		0.5				0.3	T		T						T			T	T	T							T			
	SN ON GND	1	1	2	T			T	T			T	T	T	T	T	T				T											
Morrisonville 1 E	SNOWFALL	T							T				1.0				1.0			T										T		
	SN ON GND												1	T	T																	
Olney Radio Station	SNOWFALL																			T												
	SN ON GND																															
Ottawa	SNOWFALL	0.2		T				T	T		T	1.0	T				T												T	T		
	SN ON GND	3	3	3					T			1	T	T																		
Peoria WB Airport	SNOWFALL	0.2		0.1					0.2	T	0.4	0.4	0.2				0.2			0.2		T	T				T		0.1	T		
	SN ON GND	T	T	T					T			T	T							T												
Pontiac	SNOWFALL	0.5	T	T					T		T	T	T				T			T			T						T	T		
	SN ON GND	2	2	1	T	T			T			T	T	T	T	T																
Quincy CAA AP	SNOWFALL	T		T					T	T			T	T		T	0.7			3.8		T	T						T	T		
	SN ON GND	T		T																3	T								T			
Rantoul Chanute AF	SNOWFALL	T	T						T		T	T	1.7			T	2.3												T	T		
	SN ON GND												2	1	T	T	T															
Roberts 3 N	SNOWFALL	T								T			1.5	0.6			T	T										T				
	SN ON GND	T								T			2	T			T															
Rockford CAA	SNOWFALL	T	0.2				T	0.4	T	4.1	T					0.1			T			0.6					0.2	T			
	SN ON GND	1	1	T				T		T	3	3	3	3	1	1	T	T	T	T								T				
Sparta	SNOWFALL								T					T						T		T	T						T			
	SN ON GND																															
Springfield WB AP	SNOWFALL	T		T					T				1.5	T		0.1	1.8			0.3			T						T	T		
	SN ON GND												1	T						T									T			
Stockton	SNOWFALL	T		1.0					T			6.0					T			T		T	1.0						T			
	SN ON GND	2	2	3	1	T			T	T		6	5	4	2	1	1	1	1	1	T	T	T						T			
Sycamore	SNOWFALL			0.2					T		T	5.5	0.2				1.1			0.4		T							T			
	SN ON GND	1	1	1	1	T	T		T		T	6	6	6	T	T	1	T	T	T	T	T			T					T			
Table Grove	SNOWFALL	T		0.3					T		T	T	T				1.1			2.0			T			0.3			T			
	SN ON GND											T								1												

See reference notes following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tuscola	SNOWFALL	T							T				0.5				T															
	SN ON GND																															
White Hall 1 E	SNOWFALL			T					T				0.8							0.5			T									
	SN ON GND																															

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage †	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 5
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA 1 NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5 7
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5 7
AUGUSTA HILL SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0435	KANE	1	41 45	88 20	744	7P	7P	PHY'S DEPT AURORA C	2 3 5 7
BARRY WATER WORKS	0445	PIKE	4	39 41	91 03	640		5P	WM G MC NEAL	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	OTTO O SWOPE	3
BEARDSTOWN LAGRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5 7
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5 7
BLUFFS	0781	SCOTT	1	39 45	90 33	487		6P	HUGH MOORE	3
BRADFORD CAA AP	0873	BUREAU	1	41 13	89 37	795		MID	U S CIVIL AERO ADM	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOLD	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5 7
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 5
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 1 W	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN IS	1420	GRUNDY	1	41 24	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	ACKLAS H MARTIN	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	2 3 5
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PLANT	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	3
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5 7
DANVILLE HOSPITAL	2143	VERMILION	7	40 08	87 39	575		MID	LAKEVIEW HOSPITAL	3 4
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 08	87 39	555		7A	BEN BURT	3
DECATUR	2193	MACON	1	39 51	88 57	642	7P	7P	W BURK COONRADT	2 3 5 7
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	3
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2318	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5 7
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	WILLARD D STAGGS	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 3 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA AP	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 27	88 18	357		5P	US FOREST RANGER	2 3 5
ELSAH	2860	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 31	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	ESTALOY W MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	3
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	2 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5 7
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 41	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5 7
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 03	380		6A	CORPS OF ENGINEERS	CLOSED
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 53	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5 7
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5 7
HARRISBURG DISPOSAL PL	3884	SALINE	5	37 44	88 31			6A	W HARRISON KIBLER	3
HAVANA	3930	MASON	1	40 18	90 03	451	7P	7P	L I EUTENEUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	EWALD R TRIMPE	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5 7
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 40	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	FD S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	4	41 25	91 01	551		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	6P	6P	EDWIN M PORTER	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5 7
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5 7
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56	620	6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER PARK	4715	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
KICKAPOO	4729	PEORIA	1	40 47	89 45			9A	BEN HALL	3
LA HARPE 1 SW	4823	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5 7
LANARK	4879	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	4922	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
LAWN RIDGE	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
LEROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5 7
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	5131	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5 7
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	GILBERT L WOOD	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL	5380	CLARK	7	39 23	87 42	606		6P	ROY LAWSON	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	CHARLES E FLINSPACH	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5498	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	CITY OF MINONK	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5 7
MONMOUTH AIRPORT	5768	WARREN	4	40 55	90 38	770	6P	6P	MARTIN AIRWAYS INC	2 3 5 7
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	GRUNDY	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 49	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 3 5 7
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5 7
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5 7
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 35	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY RADIO STATION	6446	RICHLAND	7	38 42	88 04	472	5P	5P	RADIO STATION WVLM	2 3 5 7
OREGON WATER WORKS	6492	OGLE	6	42 01	89 20	700		6P	GLENN S EDELMAN	3
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5 7
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5 7
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 20	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5 7
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	LEWIS TEBEAU	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 40	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA AP	7072	ADAMS	4	39 56	91 11	670	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 24			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 18	88 09	744	MID	MID	US AIR FORCE	2 3 4 5 7
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5 7
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA AP	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE	7603	JASPER	7	38 56	88 01	448		7A	JUDSON E CAMERON	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5 7
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6 7
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 49	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5 7
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5 7
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5 7
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA	8604	BUREAU	1	41 18	89 30	512		6P	ORVILLE L WEAVER	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5 7
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	UNIV WATER SURVEY	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	CLOSED
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 23	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 46	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	98 35	385		7A	PAUL F NICHOLS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	88 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5 7
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5

NEW STATIONS

Station	Index No.	County	Drainage †	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
BLOOMINGTON	0761	MC LEAN	1	40 30	89 01			7A	C C WILLIAMS	3
OREGON	6490	OGLE	6	42 01	89 20	700		MID	GEORGE J LONG	3

† DRAINAGE CODE: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the postoffice. Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin. Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown. Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time. Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830.

-	No record in Tables 3, 4, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
Z	Hourly amounts from a recording gage at the same site may be found in Table 4.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo., -- 5-18-50 -- 1200

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CLIMATOLOGICAL DATA

ILLINOIS

APRIL 1950
Volume LV No. 4

KANSAS CITY: 1950

ILLINOIS - APRIL, 1950

G. R. Justema, Acting Section Director - Springfield

WEATHER SUMMARY

This month averaged colder than any April since 1926, the mean temperature being 47.2°, or 5.3° below normal. For northern Illinois this was the coldest April in 43 years. Mean monthly temperatures varied from 40.5° at Rockford CAA and Waukegan to 56.2° at Cairo. Precipitation totaled considerably heavier than usual for April, except in some central localities.

Seasonable temperatures prevailed as the month began, but a cold air mass moved into the State on the 3d, dropping temperatures well below normal during the next few days. Scattered showers occurred on the 1st, followed by general rains which lasted from the 2d to the 5th. Substantial precipitation amounts were registered throughout the State during this period, especially in the extreme south, where many stations reported over 3 inches of rain. On the 3d a brief but violent windstorm struck the east end of Alton and continued to the town of Bethalto. Five persons were injured and many buildings were badly damaged; property loss was estimated at $100,000.

Precipitation occurred again on the 9th-10th, the heavier amounts this time falling in the north. On the 9th the rain combined with freezing temperatures to blanket much of the northern division with a coating of ice, causing heavy damage over a wide area. Temperatures rose rapidly on the 10th, but a severe cold spell gripped the State from the 11th to the 15th. The lowest temperatures of the month occurred on the morning of the 13th. On that date minimum readings in the lower 20's were common even in the extreme south. Stockton, in Jo Daviess County, registered 14°, the lowest in the State for April.

Above seasonal temperatures prevailed in most areas between the 16th and 18th, succeeded by 3 days of chilly weather. General showers occurred on the 18th-19th, but precipitation amounts were light. Temperatures rose rapidly on the 22d, reaching the 80's in many localities, and northern Illinois enjoyed its warmest weather of the month on that date. The warming trend continued in the south on the following day, East Saint Louis registering 90° for the highest temperature reported this month.

A heavy downpour of rain lasting from the 23d to the 25th flooded many areas in the northern half of the State, and brought rivers and streams over their banks. Waukegan, North Chicago, Stone Park (Cook County), and Ottawa suffered considerable flood damage from the rains. In some northern areas highways were impassable and railroad tracks were washed out. On the 23d, high winds struck the Chicago area, damaging 26 military aircraft at Park Ridge.

After the 24th temperatures dipped below normal and remained unseasonably low for the remainder of the month, with frosts occurring in the north and central portions on the 26th, 27th, and 28th. Showers were common during the last few days of April, precipitation amounts ranging from light in the north to heavy in most of the extreme south.

April's low temperatures and above-normal rainfall retarded field work and vegetative growth throughout the State. Winter wheat prospects were much under average, due to unfavorable weather conditions since seeding time. Less oats were planted than expected because of the lateness of the season. Seed bed preparation for corn and soybeans was not quite half completed at the end of April. In the southern fruit belt apples were in blossom, and peaches were starting to crack their shucks as the month ended. Some damage to peaches resulted from freezing temperatures earlier in the month. Much newly worked farm land in the northern half of Illinois was badly washed by the heavy rains of the 23d-25th.

ICE STORM OF APRIL 9

Freezing rains fell in most of the northern division on the 9th, Easter Sunday, resulting in heavy ice damage over a wide area. The greatest damage occurred in a belt extending from Carroll, Whiteside, and northern Rock Island Counties on the Mississippi to Kankakee, Will, and southern Cook Counties on the Indiana border. Damage to power and communication lines was especially heavy, several days being required for complete restoration of services. Thousands of trees were downed or ruined by the weight of the ice. Four persons were killed in traffic accidents resulting from icy streets and highways. Property losses from the storm were estimated at $1,500,000.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal Agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Indec.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	1:30a CST	12:30p CST	1:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total			
Cairo WB City	-	-	10.2	36	SW	10	-	-	-	-	4	5	5	1	2	0	17	71	5.6	277
Chicago WB AP	W	12	12.4	45	N	23	75	76	60	67	7	6	7	2	1	0	23	38	8.2	699
Joliet WB AP	SW	[illegible]	13.2	-	-	-	81	82	64	71	5	6	7	1	2	1	22	-	7.8	701
Moline WB AP	W	16	13.2	45	W	10+	74	74	59	59	5	9	3	3	0	1	21	45	6.7	636
Peoria WB AP	WNW	14	14.3	55	W	11	75	76	57	61	5	[illegible]	2	1	1	1	18	50	6.8	613
Springfield WB AP	NW	13	15.9	52	W	23	77	80	59	63	3	5	6	0	1	0	15	47	6.8	563

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	53.2	88	17	3.48	T	[illegible]	1913	52.6	90	23	2.84	T	9	1936	49.0	91	9	2.44	2.3	10
1891	54.1	88	18	3.16	0.8	10	1914	52.9	90	15	2.22	T	8	1937	51.6	91	23	4.79	0.1	14
1892	49.8	87	20	6.37	T	11	1915	58.9	92	18	1.38	T	6	1938	54.4	[illegible]	19	3.11	2.3	9
1893	51.1	90	20	7.58	2.0	14	1916	51.0	86	19	1.64	0.3	10	1939	49.6	86	13	5.00	0.1	12
1894	54.1	95	23	2.77	T	[illegible]	1917	50.0	87	19	4.71	0.9	11	1940	51.0	[illegible]	18	4.07	0.6	11
1895	54.6	94	20	2.19	T	8	1918	48.0	84	21	5.37	T	12	1941	57.2	90	26	3.76	T	11
1896	59.3	[illegible]	13	2.81	0.9	[illegible]	1919	53.7	89	19	2.47	T	11	1942	56.8	93	24	2.62	T	7
1897	51.0	85	18	4.42	0.6	13	1920	47.4	[illegible]	[illegible]	4.47	4.8	13	1943	51.4	[illegible]	17	3.71	0.1	11
1898	50.3	86	15	3.31	T	10	1921	55.7	86	22	4.80	1.2	12	1944	50.4	82	17	6.52	T	13
1899	54.0	95	[illegible]	1.50	1.5	7	1922	54.3	85	24	5.08	T	11	1945	53.9	84	26	5.29	T	13
1900	53.6	[illegible]	19	1.47	1.9	7	1923	51.4	[illegible]	16	2.37	1.4	9	1946	56.0	92	21	1.97	0.4	[illegible]
1901	50.1	93	21	1.65	0.2	7	1924	54.3	90	14	2.18	0.3	10	1947	52.1	86	24	6.41	0.1	13
1902	50.7	90	18	2.44	T	7	1925	58.8	94	21	2.65	T	9	1948	57.1	91	22	2.05	T	6
1903	52.9	88	16	4.37	1.2	11	1926	46.6	94	11	3.15	5.0	9	1949	51.6	[illegible]	13	1.77	0.4	[illegible]
1904	46.9	87	13	3.75	1.6	[illegible]	1927	53.3	85	21	6.93	0.2	16	1950	47.2	90	14	5.17	0.4	12
1905	52.2	92	20	3.66	0.5	9	1928	48.7	83	15	3.31	0.9	9							
1906	55.7	93	20	2.11	T	7	1929	55.4	93	23	5.23	T	13							
1907	44.4	83	11	2.81	0.6	9	1930	55.8	96	18	2.70	T	8							
1908	52.9	93	19	4.58	T	11	1931	53.4	[illegible]	21	2.70	T	[illegible]	PERIOD	52.5			3.59	0.7	
1909	50.8	[illegible]	11	6.24	0.2	11	1932	53.4	87	21	1.85	T	8							
1910	53.5	92	12	3.39	3.9	13	1933	52.3	89	21	3.53	0.1	12							
1911	50.3	84	17	5.05	1.3	12	1934	53.5	[illegible]	19	1.77	T	7							
1912	53.8	86	20	5.03	2.2	11	1935	49.8	89	22	2.62	0.9	9							

See reference notes following Station Index.

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
Aledo	44.8 M	-5.7	83	22	19	13		15	6.39	3.42	2.00	24	T	T	3+	12	5	3
Antioch	40.7	-5.4	75	22	19	13		18	5.30	2.52	1.49	24	T	T	4+	11	6	2
Aurora College	42.2	-5.8	76	22	20	13		16	4.87	2.16	1.21	25	.2	T	9	15	7	1
Chicago Heights	42.4		74	22	20	13		10	8.65	5.76	1.98	25	2.5	1	27	15	9	3
Chicago University	41.4	-5.5	75	22	22	13		9	5.04	2.26	1.42	24				18	6	1
Chicago WB Airport	41.5	-5.4	76	22	21	13		12	4.77	2.23	1.46	24	1.0	T	9	16	6	1
Chicago WB City	42.5	-5.2	74	22	26	13		8	5.16	2.62	1.60	24				16	6	1
Cicero	43.1	-5.7	77	22	20	13		12	5.08	2.38	1.35	25	.5			14	6	1
Dixon	42.2	-6.8	77	22	18	13		17	3.04	.27	1.11	24	T			12	3	1
Freeport	41.8	-5.8	79	22	19	6		18	5.36	2.63	1.59	24		T	3+	12	7	2
Fulton Dam 13	41.3	-7.0	64	16	22	13		11	6.53	3.70	1.97	25				.1	6	2
Galesburg	44.8		81	22	21	13		9	7.67	4.59	2.75	25				11	5	4
Galva	44.5	-5.0	81	22	18	13		16	5.49	2.42	2.57	24	T	T	5	11	5	2
Henry	44.3	-6.8	78	22	18	13		15	6.63	3.50	2.25	23	T			14	7	3
Joliet WB Airport	41.4	-5.3	77	22	21	13		16	7.13	4.20	2.01	24	.3			17	6	3
Kankakee	43.8	-5.7	75	22	20	13		14	5.62	2.51	1.29	25	T			14	7	2
Kankakee 4 W	43.7		76	22	20	13		14	6.39	3.29	1.35	9	.2	1	9	15	7	2
Kewanee	43.3	-6.4	79	22	19	13		15	5.97	2.96	2.19	24	T	T	9+	12	6	2
La Salle	44.5	-6.0	80	22	21	13		12	7.87	5.01	1.52	25	.1			16	8	4
Marengo	41.4	-5.3	77	22	19	6+		17	5.14	2.50	1.38	24	.9	T	4+	12	7	2
Minonk	44.4	-5.7	78	22	19	13		13	6.26	3.26	1.68	24	T			12	6	2
Moline WB Airport //	43.6	-5.2	82	22	21	13		12	5.87	3.18	2.18	24	.4			16	6	1
Monmouth Airport	44.3	-6.5	82	22	18	13		17	8.24	5.19	3.11	24	.0			9	6	3
Morris 3 NE	43.8	-5.6	79	22	20	13		16	8.60	5.71	3.15	25	T			14	8	3
Morrison	43.9	-5.6	80	22	20	13		16	6.44	3.44	1.45	24		T	3+	12	7	4
Mount Carroll	43.0	-5.1	78	22	19	6+		16	6.62	3.84	1.55	25	2.5	T	3+	10	6	2
Ottawa	44.3	-6.2	78	22	21	13		11	9.67	6.69	2.81	25	T			14	7	4
Pontiac	44.4	-6.9	78	22	20	13		14	6.58	3.23	1.53	24	T			13	6	3
Rockford	42.4 M	-5.7	78	22	18	6+		16			1.40	24	2.1	T	9	9	4	3
Rockford CAA AP	40.5	-5.2	77	22	19	12		20	5.57	2.84	1.74	23	2.6			11	6	1
Stockton	41.1		75	22	14	13		23	4.78	2.10	1.78	24	2.0	T	3+	11	5	1
Sycamore	40.9	-6.4	77	22	18	13		19	5.51	2.73	1.85	24	T			11	6	1
Walnut	43.4	-6.6	79	22	19	13		18	7.70	4.96	2.20	9	.0			8	7	3
Waukegan	40.5	-4.7	76	22	19	13		18	7.09	4.28	2.21	24	.5	T	9	13	6	2
Wheaton College	42.5		82	22	20	13		16	5.52	2.68	1.40	25	T	T	9	12	6	2
DIVISION	42.8	-5.8							6.25	3.17			.5					
CENTRAL DIVISION																		
Bloomington Normal	45.9	-5.6	79	22	20	13		10	6.51	2.97	1.60	25				16	6	3
Carlinville 4 E	48.0	-5.8	86	23	20	14		10	3.64	- .33	.98	4	.0			16	6	
Charleston	48.3 M	-4.6	82	23	22	13		8	3.50	- .02			T			8		
Danville	46.7	-3.7	76	22	21	13+		12	3.90	.47	1.16	4	.0			13	5	1
Decatur	47.0	-5.4	81	22+	21	13		7	3.18	- .50	.70	4	T			11	5	
Effingham CAA //	47.3	-4.5	81	23	22	13		9	4.15	.62	1.86	3	T			11	3	1
Griggsville	47.2	-6.5	88	23	19	13		16	3.70	.20	1.63	3	.0			7	5	1
Havana	47.2	-5.6	83	23+	22	13		8	4.21	.92	1.86	24	T			11	3	2
Hillsboro	49.9	-3.9	84	23	23	13		9	3.35	- .40	.80	4	.0			14	6	
Hoopeston	44.8	-6.0	77	22	20	13		13	4.82	1.27	1.35	4	T			13	7	1
Jacksonville	48.7	-4.1	89	23	22	13		9	2.65	- .67	.67	3	.0			10	3	
Jerseyville	51.8	-2.9	88	23	23	13		6	3.39	- .53	.90	4	T			11	5	
La Harpe	46.9	-4.6	82	22+	20	13		13	4.78	1.66	1.83	24	T			12	5	2
Lincoln	47.0	-5.2	80	22	21	13		7	5.07	1.62	1.56	3				11	6	2
Mattoon	46.6	-5.2	80	23	22	13		8	4.11	.50	1.03	3	.0			12	7	1
Morrisonville 1 E	48.2	-4.4	82	23	23	13		7	3.29	- .13	1.34	4	T			12	4	1
Newton	49.8	-3.4	83	23	21	14		10	4.09	.77	1.18	29	T			11	4	1
Palestine	49.4	-4.9	80	23	24	13+		8	4.72	1.31	1.04	25	.5			13	5	2
Pana	48.8	-4.4	82	23	22	13		10	3.23	- .23	.83	4	T			13	5	
Paris Water Works	47.7 M	-4.4	79	23+	21	13+												
Peoria WB Airport	44.3	-5.6	80	22	20	13		10	8.49	5.11	5.06	24	T			13	5	2
Quincy	49.2	-4.9	85	22+	22	5		8	3.56	.23	1.43	3				9	5	1
Quincy CAA	45.6		83	22+	19	13		11	2.85	- .49	1.41	3	.5			9	4	1
Rantoul Chanute AF //	44.4		77	22	20	13		9	3.54	.03	.91	24	T			12	6	
Roberts 3 N	43.6	-6.3	74	23	20	13		15	7.24	4.00	1.78	25	T			11	5	3
Rushville	46.4	-6.3	80	22+	19	13		9	3.79	.42	1.27	3	.0			8	4	2
Springfield WB Airport //	46.2	-4.1	82	23	23	13+		8	3.03	- .48	1.32	3	T			13	3	1
Springfield WB City	48.2	-4.5	83	23	24	13		4	2.83	- .68	1.15	3	.0			12	3	1
Table Grove	46.4	-5.6	82	23	21	13		8	4.19	1.07	1.50	24	T	T	5	11	3	2
Tuscola	47.8		79	23	22	13		10	3.25	- .43	1.24	4	.0			13	4	1
Urbana	46.0	-4.6	77	22	21	13		8	4.53	.93	1.14	4	.5			12	6	1
Virden	48.0		84	23	22	13		8	2.90	- .51	.70	4	T			12	4	
Watseka	44.9		76	22	21	13		13	6.88	3.55	1.71	23	T			14	6	3
White Hall 1 E	50.0	-3.7	87	23	23	13		8	2.54	-1.08	.52	4	.0			11	6	
Windsor	47.8	-4.7	80	23	20	13		9	3.96	.20	1.36	4	T			10	7	1
DIVISION	47.3	-4.8							4.11	.47			.5					
SOUTHERN DIVISION																		
Alton Dam 26	50.3		88	23	24	13		5	4.33	.44	1.10	4	T	T	6+	11	5	1
Anna 1 NW	51.1	-6.1	82	23	24	14		7	8.96	4.36	3.20	3	T			12	5	2
Cairo WB City	56.2	-2.9	82	23	32	13+		2	4.40	.68	1.24	3	T			13	6	2
Carbondale Sewage Plant	53.5	-3.7	83	23	24	14		6	6.49	2.37	2.00	28	.(			12	5	3
Carlyle	51.9 M	-3.1	85	23	25	13		3	4.64	.42	1.07	4	.0			14	6	1
Du Quoin	52.8	-3.4	83	23	24	14		6	5.96	2.25	2.05	29	.0			10	6	2
East Saint Louis	53.3	-3.4	90	23	26	13+	1	4	3.94	.04	1.09	28	T			12	5	1
Elizabethtown	54.5		82	24	25	14		5	4.44	.09	1.56	3	T	T	5	12	5	1
Fairfield	52.4 M	-3.4	86	24	26	6+		7			2.41	29	.0					
Golconda Dam 51	52.8	-3.2	80	23+	25	14		7	4.55	.13	1.94	3	T			14	6	1

See reference notes following Station Index.

Table 2—Continued

Station	Temperature						No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground	Snow, Sleet, Hail: Date	.01 or more	.25 or more	1.00 or more
Greenville	50.3	-4.3	83	23	24	13		6	4.92	1.06	1.72	4	T			12	6	1
Harrisburg	52.8	-4.7	85	23	24	14		7	6.83	2.78	2.90	3	T	T	5+	9	5	3
McLeansboro	53.3	-2.4	82	23+	26	14		7	6.33	2.42	2.58	29	T			11	5	2
Mount Carmel	53.4	-2.4	82	23+	25	14		6	8.33	4.43	2.45	4	.0			12	7	3
Mount Vernon	53.2	-2.2	84	22+	26	14		4	6.11	2.30	1.05	4	.0			13	7	2
New Burnside	52.7	-3.5	82	23	21	14		7	6.45	2.03	3.01	3	T			10	5	2
Olney Radio Station	51.3	-3.3	82	23	25	14		8	5.26	1.62	1.76	29	.0			11	5	■
Sparta	53.3	-3.0	85	23	27	13		5	4.50	.39	1.25	29	T			13	5	2
DIVISION	52.7	-3.4							5.67	1.53			T					
STATE	47.2	-5.3							5.17	1.58			.4					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

ILLINOIS
APRIL 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion	.27	.18	.87	1.95	T				.07	.13	.34		T						.09				.11		.55				1.88	.25		6.69
Aledo		T	.58	.16	T				.14	.41	T	T						.15	.05				1.02	2.00	1.79		T	.06	.02	.01		6.39
Alexis Water Works R			1.00	.05					.06	.50								.11				.39	1.17	4.37	.17	.09		.04				7.95
Alton Dam 26	.14	T	.97	1.10		T				.12	.26		T						.22			T	.18		.26			.02	.92	.14		4.33
Anna 1 NW	.14	.87	3.20	.90	T						.24						.01		.08		.03				.26			.13	3.03	.07		8.96
Annawan		T	1.65						.50	.50	T						T	.02					1.02	1.96	.70			.22		T		6.57
Antioch		.07	.29	.48	T				.17	.70	.17	T						.06	T				.83	1.49	1.01					.03		5.30
Augusta High School R			1.60	.10					.40	.38								.17					.29	.46	.04							3.44
Aurora College		.04	.63	.33	.01				.61	.32	.16	T					T	.02	.10				.41	.99	1.21			.01	.02	.01		4.87
Barry Water Works		.02	.75	.39	T				.31	.47									.21				.46	.25	.41			.08	.03			3.38
Beardstown	.30		.04	1.45		T				.60	.45								.20	.03			.17	.27	.87				T	.16		4.54
Beardstown Lgrng Dam R	-	-	-	.12	-			-	-	-								.21	.01			.01	.18	.59	.13				-	-		-
Belvidere Sewage Pl. R			.52	.15					.60	.47									.19			.32	1.43	.94	.44					.06		5.12
Bentley			.83	1.06					.52		.38								.20				.28	.45	.70		.07			T		4.49
Benton	.28	.20	1.55	1.10					.02		.30								.10						.40				2.80			6.75
Bloomington Normal	.16	.04	.79	.63	.01				.01	.03	.35								.19	.03			1.15	1.41	1.60			.01	.08	.02		6.51
Bluffs		.11	.91	.27					.32	.30									.24				.17	.20	.04				.15			2.71
Bradford CAA AP 6	T	.03	.91	.07	T			T	.34	.53							.13	.08	.11			.11	.60	1.76	.18	.17		.10	T	T		5.12
Brookport Dam 52	.15		1.60	.23	.45	T					.34								.12	.05		.14			.35	.07		.03	.51	.06		4.10
Cairo WB City Z	.03	1.02	1.24	.33	T				T	.35		T					T		.11		.04	.02		.29	.02			.24	.69	.02		4.40
Canton		T	1.35	.30	T				.30	.72								T	.02				.42	3.32	.48		.02	T	.09	T		7.02
Carbondale Sewage Plant		1.77	1.08	.13	.02					.10						.01		.11			.03			.36			.02	2.00	.86			6.49
Carlinville 4 E	.09	.32	.17	.98	.01				.19	.46	.09								.32	.01			.13	.03	.29			.37	.11	.07		3.64
Carlyle	.03	.30	.57	1.07	T				.18	.23	.01								.19			.03	.22	.12	.76			.41	.52	T		4.64
Carmi	.25	.21	1.26	2.15	T				.10	.03	.10								.16	T					.31				2.25	.15		7.13
Carpenter 1 SW R	.04	.74	1.02	.28					.15	.28								.06	.11				.21	.04	.40			.97	.14			4.44
Casey	.23	.25	.34	1.59							.34												.18	.25	.33				1.41			4.92
Centralia 4 W	.33	.40	.57	1.70					.09	.10	.25								.16	T		.05	.15		.76			.03	.90			5.49
Chandlerville		.10	.75	.55	T				.55	.35								T	.20				.10	1.20					.10	.25		4.15
Channahon Dresden Isld	.25		.11	1.41	.01	T		T	.18	1.35	.43		T					.03	.14	.03			1.00	1.10	2.77		.84		.07			9.72
Charleston		.10	*	1.97	T					.24			T						.13	.03				.10	.49				.50	.10		3.50
Chenoa		.09	1.62	.21	T				.04	.34		T						.13	.03				.61	3.33	.22	.02	.01	.05	.04	T		6.74
Chester	.19	T	.73	.79	T	T				.03	.23						T		.28			.09			.25			.02	1.93	.40		4.94
Chicago Cal Treat Wks R	.04	.10	1.18	.26	-				-	-							.05	.10	.07			.07	.27	1.79	.62	.15	.14	.02		.04		-
Chicago Heights		.63	1.41	.26	.09				.91	1.23	.27	.02					T	.02	.09	.09			.91	.21	1.98		.53		T			8.65
Chicago Lakeview Pump R	.20	.10	.93	.24	.07				.53	1.55							.01	.10				.07	.44	1.48	.92				.01	.03		6.68
Chicago Loyola Univ.		.07		.07	.08				-	-		.01					.05	.13	.02			.06	.69	1.33	.71				.01	.03		-
Chicago Mayfair PumpR	.18	.07	1.27	.21	.09				1.15	.76							.03	.13		.01		.03	.56	1.88	1.51					.02		7.91
Chicago N Br. Pump R	.02	.06	.97	.07	-				-	-							.04	.12	.02			.03	.68	1.30	.73				.01	.04		-
Chicago Roseland Pump R	.07	.13	1.19	.29	.18				.65	.43							.01	.12	.02			.09	.24	1.65	.79	.11	.06	.03		.07		6.13
Chicago San Dist Disp R	.02	.22	.80	.05	-				-	-								.09	.01			.08	.41	1.45	.67		.01	.02	.02	.04		-
Chicago San Dist Off R	.03	.07	.79	.10	-				-	-								.11	.01			.02	.50	1.76	.82			.02		.01		-
Chicago S Filter Pl R	.04	.16	1.14	.25	.14				.58	.38							.01	.09	.01	.01		.13	.31	1.46	.53	.02	.08	.02		.01		5.37
Chicago Sprgfld Pump R	.21	.08	.97	.35	.15				.59	.79								.11	.02			.02	.38	1.30	.66			.01		.02		5.66
Chicago WB Airport Z	.02	.17	.89	.10	.07	T			.46	.32	T	T	T				T	.12	.02			.10	.31	1.46	.67	T	.01	.04	T	.01		4.77
Chicago WB City Z	.03	.16	.84	.08	.07	T			.55	.35	T	T	T				T	.12	.01	T		.05	.42	1.60	.81	T	.03	.02	T	.02		5.16
Chicago University Z	.04	.11	.99	.15	.08	T			.55	.41	T	T	T				T	.09	.02			.14	.37	1.42	.57	.01	.04	.02	.01	.02		5.04
Chillicothe		.06	1.00	.58	T				.13	.39	.16	T				T		.01	.19	T			.56	1.88	1.05		.32	T	T	.04		6.37
Cicero	.03	.15	.64	.24	.09				.33	.67	.10	T	T				T	T	.13				.34	.93	1.35	T	T	T	.06	.02		5.08
Cisne Brown Camp R		1.01	.56	.68					.16	.35									.12				.07	.22	.12			.37	2.04	.03		5.73
Clinton 1 S	.13	.60	.82	1.49					T	T	.41								.18				.34	1.30	1.60				T			6.87
Coulterville R		1.05	.51	.45						.33							•	•	•	•	•	.40		.27	.30			.70	1.03			5.04
Crete R	.14	.15	1.08	.18	.04				.76	.54								.04	.06			.06	.36	1.37	.44	.29	.25					5.76
Danville R		.54	.20	1.16	T				.02	.11	.19								.11				.43	.40	.46			.02	.23	.03		3.90
Danville Hospital	.04	.48	.90	.30					.04	.33									.12				.40	.50	.22			.02	.31	.02		3.68
Danville Sewage Plant	.19		.23	1.44	.02	T				.10			T	T					.16					.65	.94				.02	.36		4.73
Decatur		.11	.66	.70	T				.01	.33	.33								.15	T	T		.13	.65	.27			T	.07	.10		3.18
Des Plaines 1 NW	.02	.06	.41	.60	T	.05			.26	.51	.27	T	T				.03		.09				.31	1.09	1.48				.04	.01		5.23
Diona R		.40	1.60	.31					.07	.27									.23				.10	.25	.10			.36	.33	.01		4.03
Dixon			.27	.12	T				.66	.24	.07						.03	.08	.02				.16	1.11	.22				T	.06		3.04
Douglas R			1.40	.10					.06	.94								.29					.49	4.03	.15	.20						7.66
Downs 2 NE *R		.05	1.42	.25						.31								.01	.15				.53	2.80	.08					.04		5.64
Du Quoin	.36	.10	1.41	.90	T				T		.39								.21			.05	.02		.47				2.05			5.96
Dwight	.11	.22	.76	.78	T			.90	.48	.33	T						.01	.19					1.69	1.07	1.80		.25		.02	T		8.61
Dwight State Reform. R		.18	1.20	.22					.72	.74								.10	.03			1.20	.50	2.08	.75	.18	.06					7.96
East Saint Louis		.65	.54	.10	T				.22	.30		T						.11	.10		T		.17	.43	T		.01	1.09	.22			3.94
Edwardsville	.21	1.01	.38	1.38	T				.38	.07	.47	T					T	T	.21	T		T	.12	T	T		T	.13	.79	.11		5.26
Effingham CAA AP Z //		.34	1.86	.22	T				.07	.23			T				T	T	.23	T			.10	.18	.05		T	.65	.22	T		4.15
Elgin		T	.40	.42	T				.65	.47		T					T	.16	T				.46	1.69	1.35				T	.04		6.08
Elizabethtown	.20	.76	1.56	.49	T	.02					.38		T						.12				.01		.33			.07	.48	.02		4.44
Elsah	.11	.27	1.05	1.51	.03				.05	.04	.40	T							.34				.21		.33			.40	.67			5.41
Evanston Pump Sta. R	.03	.06	1.09	.06	-				-	-							.06	.14				.13	1.24	1.89	1.38			.02	.01	.06		-
Fairbury Water Works R //		.16	1.23	.21					.10	.29								.13	.05				.49	2.50	.24			.02	.06			5.48
Fairfield	-	-	-	2.15					.25		.32								.08			.03			.25				2.41	.21		-
Farmer City R			1.69	.49					.05	.35								.05	.08				.56	2.58	.12							6.20
Freeport		.01	.32	.31	T				.50	.70		T						.15	.02				.58	1.59	1.04	T			.03	.11		5.36
Freeport Sewage Plant Z	.03		T	.50	T			T	.16	.55	.54		T						.10	.01			.33	1.50	1.40	T			T	.08		5.20
Fulton Dam 13 Z		T	.77				T	T	.55	.87	.29						.03		.10				.12	1.75	1.97				.03	.05		6.53
Galatia 1 W R		1.50	1.11	1.18						.12									.10					.12	.03			•	2.45			6.61
Galena										.69	.25	T				T		.05	.02			T	.49	1.58	.62				T	.13		3.83
Galesburg		.12	1.21	.06					.01	.46								T	.08	.07			1.39	1.34	2.75		.18		T			7.67
Galva		T	1.02	.33	T				.16	.60	.02							.06	.07	T			.24	2.57	.35		.07	T	T	T		5.49
Geneseo			.59	.19					.52	.41	T							.09	.13				.59	1.98	.74		.07	.07	.04	.02		5.44
Gibson City		.04	1.15	1.00	.02				.03	.38			.01						.10				T	3.80	.10			.01		.01		6.65
Gladstone Dam 18	T		T	1.05	T	T				T	.36								.12				.25	2.10	3.49		.10		.07	.02		7.56
Glendale Exp. Farm Z	.04	1.42	1.62	.90	.03					.26									.15					.38				.39	.15			5.34
Golconda Dam 51 Z	.24	T	1.94	.45	.34	.02					.44								.09	.05		.02			.46	.04		.06	.30	.10			4.55
Golden			1.40	T					.54	.42										.18			.53	.10	.03				T	.02		3.22
Grafton	.15		.31	1.66		T				.08	.35	T							.30				.20		.36		T		.80	.12		4.33
Grand Tower 2 N		.14	2.01	1.54							.15	T									T				.67			.12	1.89			6.52
Greenfield R		.43	.46	.29					.18	.38								.20	.03			.01	.20	.34	.11				.30			2.93
Greenup		•	•	2.47	T				.08		.28						.02		.24	T			.12	.02	.57		T		•	.99		4.79
Greenville	.13	.31	.49	1.72	T				.13	.28	T								.20				.08	.07	.44		T	.85	.22			4.92
Gridley	.01	.07	1.14	.89	.01				.02	.41									.20	.05			.39	1.68	1.45		.05	.04	.05	.02		6.48
Griggsville			1.63						.63	.38									.09				.38		.44				.15			3.70
Hardin	.12	.27	.81						.18	.27									.28				.75	.16				.37		.43		3.64
Harrisburg	.16	.53	2.90	1.31	T				T	T	.21		T						.14	T		.08		T	.33				1.17			6.83
Harrisburg Disposal Pl.	.10		3.18	.84	.38					.07									.11			.05			.35				.66	.02		5.76
Havana	T	.02	1.10	.15	T				.12	.43								.03	.17	T			.09	1.86	.12				.12	T		4.21
Havana No. 2	.15	T	.02	1.26	.02				.03	.10	.43								.19	T			.09	.68	1.51					.13		4.61
Henry	T	.04	1.02	.20					.26	.38	.03							.07	.09	.02			2.25	.70	1.05	T	.51	.01	T			6.63
Hillsboro	.11	.40	.24	.80					.08	.05	.26	T							.22				.09	.03	.31		T	.29	.44	.03		3.35
Hoopeston Z	.17	.26	.43	1.35	T				.11	.03	.32	T							.12				.33	.87	.69			T	.05	.09		4.82
Hudson Lk Bloomington		.11	1.52	.24					.04	.32								.20	.01				.56	2.68	.03	.01		.01	.06			5.79
Hutsonville R //		.24	.15	.66					.07	.17	.02								.20	.03				.34	.35			.54	.83	.07		3.67
Hutsonville Power Plant	.10		.45	.65	.18	T				.06	.10								.23				.06	.04	.54				.50	.80		3.71
Illinois City Dam 16 Z	.02	T	.40	.89					.08	.33	.31						T	.01	.07	.05			.67	.80	2.19				.25	.07		5.78
Jacksonville R		.03	.67	.63					.19	.40									.21				.12	.16	.08				.16			2.65
Jacksonville Sewage R		.09	1.18	.22					.20	.37								.19	.02				.11	.18					.11			2.67
Jerseyville	.10	.13	.07	.90					.14		.30								.24				.44		.37			.22	.48			3.39
Joliet Brandon Rd Dam	.40		.10	1.20	.05				.09	.93	.40						.04		.14				.31	.87	1.63		.32		.04			6.52
Joliet WB Airport 6	.08	.06	1.01	.12	.03			T	.92	.38		T	T				.01	.11	.01			.16	.44	2.01	1.35	.18	.19	.07		T		7.13
Kankakee		.10	.72	.71	.01				1.15	.31	.05								.09				.51	.52	1.29		.07	T	.04	.05		5.62
Kankakee 4 W	.29	.12	.50	.98	.01				1.35	.47	.20	T	T						.16				.45	.52	1.30		.10	T	.02	.01		6.39
Kankakee Sewage Plant R	.08	.14	1.22	.17					2.04	.22	.02							.06	.05			.13	.29	1.32	.36							6.10
Keithsburg				.74							.18								.08				.55	1.25	1.75				.07	T		4.62
Kewanee	.08	.17	1.02	.22	T				.45	.67	.15	T							.10				.33	2.19	.45			T		.14		5.97
Kewanee Baker Park R		.04	1.06	.04					.37	.50								.17					.90	1.90	.13			.11				5.22
Kickapoo			.09	1.72						.12	.57								.20				.82	2.79	1.54		.18			.06		8.09
La Harpe		T	1.01	.36	T				.05	.41								.12	.10	.03			.11	1.83	.64		.09	T	.03	T		4.78
Lanark R			•	.80				•	•	.70								.12				.19	1.39	-	-				.03		-
La Salle	.10	.03	.49	.56	.01			T	1.42	.29	.52	T					T	T	.18	.02			1.35	1.15	1.52	T	.15	.05	.03	T		7.87
Lawn Ridge R		.05	1.17	.05					.16	.52								.15				.19	.95	3.07	.11	.25	.02					6.69
Lawrenceville		.65	1.05	1.60					.08	.07										.03					.42				1.71			5.61
Le Roy		.17	.78	1.01	.05				.04	.37									.15				.39	.91	1.78				.06			5.71
Lincoln		.25	1.56	.50	.02					.32	.01								.21				.47	1.48				T	.20	.05		5.07
Lincoln No. 2	.43		.23	1.95	.03				T	T	.31								.19	T			.08	.75	1.23				T	.05		5.25
Lockport Lock & Dam R		.05	.98	.12					.58	.42								.09	.06			.13	.47	1.48	1.11	.09	.01	.03	.01			5.63

See reference notes following Station Index

Table 3—Continued

DAILY PRECIPITATION

ILLINOIS
APRIL 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Lockport Power House R	.05	.06	.91	.07	-				-	-							.02	.11	.04			.13	.44	1.52	1.26	.08		.04				-
Louisville R		.67	.50	.23					.10	.24									.24				.06	.57	.88			.50	.88			4.87
Mackinaw		.07	1.05	.50					.02	.41									.12				1.44	3.14	.37			.04	.11			7.27
Macomb		.01	1.45	.15					.04	.48	.10							.02	.13	T			.15	1.48	.71		.03		.02	T		4.77
Marengo		T	.49	.40	.04				.40	.43	.23	T						.12	.02				.50	1.38	1.10					.03		5.14
Marietta R			1.38						.05	.70								.18	.05				.12	2.31	.13				.04			4.96
Marion	.69	.25	1.91	1.09							.14												.30		.14				3.06	.02		7.31
Maroa R		.40	1.10	.33					.43									.06	.06				.30	2.21					.06			4.95
Marseilles Lock	.27		.10	1.16	.10				.06	2.33	.52								.09	T			.71	.99	3.02		.38		.09	T		9.82
Marshall	.14	.17	.37	1.20	T				.03	.05	.26		T				T		T	T			.05	.16	.42			.70		.21		3.76
Mascoutah	.26	.26	1.61		.01				.12	.02	.22	T					T		.26				.12	T		T	T	.03	1.01			3.92
Mason City R		.05	1.55	.19					.08	.35								.16	.04				.40	1.78	.13				.10			4.83
Mattoon		.50	1.03	.22					.40	.35									.24				.05	.43	.10			.38	.38	.03		4.11
McHenry R		.10	.68	.10					.41	.53								.15	.03			.09	1.88	1.40	.40							5.77
McHenry 2 S	.12	.04	.25	.61	.04				.03	.35	.39	T						.04	.06				.17	2.66	1.26	T				.03		6.05
McLeansboro	.30	.28	.97	1.43	T				.05	.06	.20						T		T				.18		.16				2.58	.12		6.33
Medora		.18	.05	1.05	.05				.21	.42	T								.30			T	.30	.18	.15			.50	.20	T		3.59
Minonk		.13	.91	.87	T				.13	.31							.07		.11				.57	1.68	1.30		.13	T	.05			6.26
Moline WB Airport Z //		.03	.70	.01	T		T	.02	.68	.40	T	T					.01	.09	.05			.07	.97	2.18	.36	T		.20	.07	.03		5.87
Monmouth Airport		T	1.00	.25						.48								.05	T				2.40	3.11	.76		.15	.04				8.24
Monticello		.38	.33	1.08						.11	.38							.08	.04				.36	1.47	.61					.18		5.02
Morris	.22		.08	1.14	T			T	.08	1.46	.43								.11				.22	.80	2.64		.57		.04	T		7.79
Morris 3 NE	.07	.07	.40	.70	T			T	1.36	.12	.30	T					T	T	.11				.85	1.00	3.15		.38	.04	.05			8.60
Morrison		T	.48	.32					1.35	1.15		T					.05	.10	.03				.42	1.45	1.01			T	.03	.05		6.44
Morrisonville R		.37	.77	.57						.35								.10	.20			.06		.20	.10			.10	.05			2.87
Morrisonville 1 E	.08	.24	.23	1.34	.01				T	.49	.02								.32	T			.08	T	.31			.12	.05			3.29
Mount Carmel	.25		.96	2.45	.75					.25	.35		T						.05	.05			.10		.21				1.05	1.88		8.33
Mt. Carmel Water Wks R		.76	1.20	1.58					.22	.28									.07				.10	.10	.10			.50	1.34	.06		6.31
Mount Carroll		T	.21	.51	T				.73	.98	.04	T					T	.10	T				.94	1.51	1.55			T	T	.05		6.62
Mount Olive	.09	.42	.24	1.28					.22	.28									.25				.14	.03	.25			.59	.43	.13		4.35
Mount Pulaski	.16	.15	.87	.99					T	.38									.17				.18	.85	1.60					.05		5.40
Mount Sterling		.02	1.03	.31					.72	.43	.04							T	.20				.30	1.80	.16				.02			5.03
Mount Vernon	.45	.62	.58	1.05					.19	.15	.21								.21			.06	.12		.61				1.02	.84		6.11
Murphysboro Water Wks R //		.35	.96	1.00						.11									.13		.05			.40	.05			.70	1.72			5.47
Nashville 3 NW	.20	.45	.52	1.18	T				.37	.20									.18						.50				1.35	.10		5.05
Newark 7 E	.17	.10	.55	.60					.95	.40	.45						T		T				.50	1.05	2.58			T				7.35
New Boston Dam 17	.02		T	.96	T	T			.02	.04	.19								.10	T			.87	1.14	2.06		T		.08	.02		5.50
New Boston 2 NW			.98						.10	.25								.15	T				1.07	1.43	2.34		.10		T			6.42
New Burnside	.10	.93	3.01	1.04	T				T	.02	.18	T					T		.10		T	T		T	.33			.07	.67			6.45
Newton Z	.23	.15	.21	.99	T				.05	T	.15						T		.31	T			.15	T	.63				1.18	.04		4.09
Olney Radio Station	.16	.12	1.20	1.02					.06	.09									.15	T				.02	.38				1.76	.30		5.26
Oregon Water Works	.18			.70					.10	.75	.29						.02		.14				.09	1.68	1.24					.01		5.20
Ottawa	.08	.11	.84	.24	T			T	2.14	.67	.04	T					T	.03	.10				1.26	1.01	2.81		.27	.07	T	T		9.67
Palestine		.17	.34	1.01	T				.10	.12	.21		T						.20	T			.03	.03	1.04			.55	.70	.22		4.72
Pana		.36	.18	.83	T				.05	.30	.04								.23				.13	.07	.40			.48	.08	.08		3.23
Paris Sewage Plant R		*	*	1.85						.34									.21					.54	.24			.30	.25	.05		3.78
Paris Water Works		.50	.10	1.60							.25				-	-	-	-	-	-	-			.20	.50				.70	.10		-
Paw Paw		.90	.75				T		.80	.75	.26							.05	.12				.55	1.50	1.15			T	T			6.83
Payson			1.30	.34					.97	.33		T	.01					.18					.74	.31		.12	T			T		4.30
Peoria Lock and Dam R //		.05	1.37	.13					.08	.41								.19	.03				.91	3.97	.23	.04	.01	.02	.09			7.53
Peoria WB Airport Z		.01	1.42	.08	T			T	.08	.53								.19	.02	T			.65	5.06	.31	.04	T	.02	.08	T		8.49
Peotone	.43	.20	.05	1.10					.45	1.35	.32	T						T	.13	.02			.74	.83	1.13		.37	T	.02	.04		7.18
Peru	.30		.06	1.07	.02				.30	1.43	.61								.17	.07			1.31	.97	2.05		.14		.12			8.62
Petersburg		.30	.76						.02	.44								.23	T				.17	.12	.23					.04		4.17
Piper City R		.22	1.12	.27					*	.25								.04	.10				.52	2.75	.27	.03	.05					5.62
Pittsfield Water Wks R		.05	1.04	.06					.24	.39								.21					.35	.15	.09				.15			2.73
Pleasant Hill 2 E		.32	.78	.37	T				.19	.32								T	.30				.42	.04	.10			T	.10			2.94
Pontiac	.01	.12	1.14	.83	T				.10	.27	.12	T					T		.20	T			.65	1.53	1.47		.08	T	.06			6.58
Prairie Du Rocher R		.83	.76	.43					.15	.23									.22		.13	.02		.21	.24			.43	.70			4.35
Princeton 1 S R //		.07	1.12	.10				.02	.36	1.07								.16	.05			.58	.81	2.09	.25			.18	.01			6.87
Princeville 2 NW	.01	.14	1.32	.15	.02				.15	.50	T						.02	.18	.03				.72	3.55	.60		.36	T	.04	T		7.79
Prophetstown R		.05	.78					.02	1.33	.65								.14				.65	1.72	1.43	.20			.05		.04		7.06
Quincy		T	1.43	.20					.42	.38								.12	.02				.38	.59						.02		3.56
Quincy CAA AP 6		T	1.41	.06	T				.56	.25		T	T					.07	T	T		.13	.26	.08	.03				T	T		2.85
Quincy Dam 21 Z	.25		.03	1.50					.09	.33	.39	T							.12				.49	.03	.55					T		3.78
Quincy Memorial Bridge	.15		T	1.71					T	.45	.40		.02						.12	T			.49	.03	.40				T	T		3.77
Rantoul Chanute AF Z //		.39	.56	.48	.02				.01	.03		T						T	.21				.32	.92	.55			T	.04	.02		3.54
Red Bud R		.44	.91	.48	.02				.18	.12								.22			.11	.15		.34			.01		.20			4.14
Richview R		.83	.46	.21					.27	.09									.18		.03	.01	.22	.14	.20			=	1.26			3.90
Roberts 3 N	.13	.05	.70	1.58	T				.18	.15	.20	T											.95	1.40	1.78			T	.12			7.24
Rochelle			.46	.51	.04				.78	.35		T					.06	.17	T				2.23	1.32	f		T					5.92
Rockford		T	.22	.55					.22	1.10		T						.18	T				1.04	1.40					-	-		-
Rockford CAA AP 6	T	.01	.77	.03	T				.51	.73		T						.11	T			.13	1.74	.78	.65			T	T	.11		5.57
Rock Island Dam 15	.07	T	.04	.99	T	T		T	.15	.71	.26	T					T	.02	.13	.04			.66	1.54	2.30				.33	.03		7.27
Rushville			1.27						.38	.42								.18					.20	1.17	.05				.12			3.79
Ste Marie	.18		.57	.80	.04					.09	.12		.01						.22			.07	.02	1.01				*	.71		3.84
Salem	.29	.33	.97	1.24	.02				.08	.11	.27							.16					.29		.97				1.22	.03		5.98
Shawneetown New Town	.14	T	2.79	.75	.38	T				T	.23			T					.14	T		.02	T	T	.15	T		.01	.29	.12		5.02
Sidell	.18		.15	1.00	T	T				.05	.30		T						.13					.64	.66				.05	.26		3.42
Skokie N S Treat Wks R	.01	.07	1.18	.06	.05				.66	.35							.07	.13	.04			.09	1.08	1.86	1.61			.02		.03		7.31
Sparta	.20	.52	.49	1.00	.03				.08	T	.13	T					T		.12			.09		T	.31		T	.18	1.25	.10		4.50
Springfield WB AP Z //	.22	.11	1.32	.19	T				.03	.28	T							.15	.06				.08	.45	.03			T	.10	.01		3.03
Springfield WB City Z		.11	1.15	.24	T				.03	.28								.14	.07				.13	.57	.03			T	.06	.02		2.83
Stickney W S Trt Wks R	.02	.22	.78	.05	-				-	-								.11	.01			.07	.30	1.32	.68			.02				-
Stockton		.01	.04	.35					.11	.98	.03	T						.11	T				.37	1.78	.94				T	.06		4.78
Streator	*	*	*	*	1.84			T	.42	.67		T					.04	T	.26				1.96	1.71	1.84		.58	T	.04	T		9.36
Sullivan Water Works R //		.36	.65	.21					.33										.19				.05	.77	.09			.40	.07	.04		3.16
Sycamore		.02	.70	.23	T				.66	.45	.05							.04					.58	1.85	.90				.03	T		5.51
Table Grove		T	1.44	.15	T				.13	.42	.05							.12	.11	T			.19	1.50	.04			T	.04	T		4.19
Taylorville		.42	.21	1.48					.06		.63								.24				.15	T	.31				.09	.02		3.61
Tiskilwa	T	T	.75	.45					.52	.82	.22						T	.15	T			T	1.20	1.60	.50		T	.12	.03	T		6.36
Toulon		.10	.82	.40	.03				.11	.80	.06						.01	.06	.11	.06	T		.51	2.72	.45	T	.27	.03	T	.03		6.57
Tuscola	.22	.10	.14	1.24	.01				.01	.01	.40								.19					.36	.38				.10	.09		3.25
Urbana		.50	.50	1.14	.05				.02	.13	.09		T						.17	T			.57	.88	.43			T	T	.05		4.53
Urbana Exp. Farm R		.43	.94	.66						.22								.15					.63	1.03	.16				.12			4.34
Urbana Eng. Campus		.51	.40	1.14						.02	.22								.12				.65	.90	.46				.04	.09		4.55
Utica Starved Rock Dam	.25		.09	.94	.04				.02	1.90	.54							T	.11	.02			.88	.92	2.32	T	.22		.11			8.36
Virden		.36	.21	.70	T				.11	.33	.12								.24				.08	.46	.19			T	.06	.04		2.90
Walnut		T	.87	T					2.20	.40							T	.27	.23			T	1.17	1.60	.96			T		T		7.70
Warsaw			1.17	.27					.44									.07					.33	.80	.30	.02						3.40
Washington R		.07	1.35	.14					.05	.40								.16	.03				.50	4.04	.21				.09	.01		7.05
Waterloo	.28	.57	1.19	2.58						.85	.08	T							.22			.08			.37				1.06	.03		7.31
Waterman R //		.08	.94	.07				.02	.42	1.07							.07	.12				.22	.72	1.71	.32			.01				5.77
Watseka	.15	.24	.82	1.21	T			T	.28	.11	.20	T	T						.10	T			1.71	1.02	.92			.05	.04	.03		6.88
Waukegan	T	.16	.64	.37	.08				.18	.74	.18							.08	.06				.97	2.21	1.36					.06		7.09
Wayne City	.34		1.07	1.26						.38	.27	T						.01	.20				.38		.40			.01	1.05	2.41		7.78
Wenona		.11	1.30	.11					.22	.51								.12	.02				.21	2.82	.40	.31	.08					6.21
West Frankfort 8 E		.12	1.84	1.60							.06								.05						.11				3.43			7.21
Wheaton College T		.10	.60	.80	.04				.10	.80	.01						.02	f	.15				.25	1.25	1.40			T	T			5.52
White Hall 1 E		.27	.35	.52	T				.18	.34									.25				.25	.10	.08			T	.10	.10		2.54
Wilcox	.18		1.30	.65	.08					.15	.27		T						.15				.10		.58				.50	1.10		5.06
Windsor	.16	.33	.25	1.36	T				T	T									.32	T			.09	.10	.39				.47	.49		3.96

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
—1st—																										
BEARDSTOWN LAGRANGE DAM										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELLEVILLE SCOTT AF BSE	//			.02		.01																				.03
CAIRO WB CITY		.03																								.03
CARPENTER 1 SW																									.04	.04
CHICAGO CAL TREAT WKS		.01	.03																							.04
CHICAGO LAKEVIEW PUMP		.01	.03	.01	.02	.02	.02	.02	.01	.01	.01	.02	.01													.20
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST		.03	.01	.01	.02	.01	.02	.01	.01	.02	.01	.01	.01	.01												.18
CHICAGO N BRA PUMP STA			.02																							.02
CHICAGO ROSELAND PUMP		.01	.03		.01					.01																.07
CHICAGO SAN DIST DISPAT			.02																							.02
CHICAGO SAN DIST OFF			.03																							.03
CHICAGO S FILTER PL			.03			.01																				.04
CHICAGO SPRINGFLD PUMP		.01	.03	.01	.02	.02	.01	.02	.02	.01	.02	.01	.02	.01												.21
CHICAGO UNIVERSITY				.02		.02																				.04
CHICAGO WB AIRPORT			.02																							.02
CHICAGO WB CITY			.02		.01																					.03
CRETE		.02	.03	.08	.01																					.14
DANVILLE HOSPITAL		.02	.01	.01																						.04
EVANSTON PUMP STA			.02				.01																			.03
GLENDALE EXP FARM		.02	.02																							.04
GOLCONDA DAM 51		.02	.03																							.05
JOLIET WB AIRPORT	6	.01	*	*	*	*	*	.08																		-
KANKAKEE SEWAGE PLANT			.03	.04	.01																					.08
LOCKPORT POWER HOUSE		.01	.04																							.05
NEWTON				.03																						.03
OREGON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SKOKIE N S TREAT WKS		.01																								.01
STICKNEY W SIDE TREAT			.02																							.02
—2d—																										
BELLEVILLE SCOTT AF BSE	//							.06	.01	.07	.03			.01	.04	.03		.01		.05	.25	.13	.02			.71
BRADFORD CAA	6								*	*	*	*	*	.03												-
CAIRO WB CITY												.14	.02	.20	.11	.04	.17	09			.01	.01	.11	.07	.05	1.02
CARPENTER 1 SW		.05	.03		.12	.12	.14	.26	.02																	.74
CHICAGO CAL TREAT WKS													.03	.01	.05										.01	.10
CHICAGO LAKEVIEW PUMP													.04		.03	.01	.01		.01							.10
CHICAGO LOYOLA UNIV													.02	.01	.04											.07
CHICAGO MAYFAIR PUMP ST													.02	.01	.02	.01	.01		.01							.08
CHICAGO N BRA PUMP STA													.03	.01	.02											.06
CHICAGO ROSELAND PUMP													.02	.01	.04	.01		.01		.01	.01		.01		.01	.13
CHICAGO SAN DIST DISPAT													.06	.01	.14	.01										.22
CHICAGO SAN DIST OFF													.02		.04	.01										.07
CHICAGO S FILTER PL													.03	.01	.11	.01										.16
CHICAGO SPRINGFLD PUMP													.03	.01	.03	.01										.08
CHICAGO UNIVERSITY													.03	.02	.05	.01										.11
CHICAGO WB AIRPORT												.01	.06	.01	.09											.17
CHICAGO WB CITY													.02	.01	.09	.03	.01									.16
CISNE BROWN CAMP														.05	.01		.01	.03		.23	.07	.39	.21	.01		1.01
COLLINSVILLE									.06	.03		.01	.10	.04	.06	.01		.05	.03	.43	.07	.04				.93
COULTERVILLE									.07	.07	.01		.10	.10								.50	.20			1.05
CRETE														.05	.06	.04										.15
DANVILLE HOSPITAL													.03	.04		.01		.24	.16							.48
DIONA													.02	.03	.04	.02	.02	.09	.04	.14						.40
DOWNS 2 NE										.02	.01	.01		.01												.05
DWIGHT STATE REFORM											.01	.07	.05	.02	.03											.18
EFFINGHAM														.10	.03	.04		.05	.03	.09						.34
EVANSTON PUMP STA													.03		.03											.06
FAIRBURY WATER WORKS	//											.06	.04	.02	.01	.02		.01								.16
FARMER CITY												.03	.01	.02	.01	.03	.05	.08								.23
GALATIA												.05	.04	.06	.02	.03	.01	.01					.03	.85	.40	1.50
GLENDALE EXP FARM											.04	.36	.10	.14	.14	.05	.01	.06	.05					.08	.39	1.42
GOLCONDA DAM 51													.15	.12	.06	.17	.07	.03	.13	.07	.01					.81
GREENFIELD												.01	.01		.02	.11	.07	.18	.03							.43
HOOPESTON													.05		.03		.05	.07	.01							.21
HUTSONVILLE	//																		.04		.01	.07	.07		.05	.24
ILLINOIS CITY DAM 16								.01	.05																	.06
JACKSONVILLE SEWAGE PL																.08	.01									.09
JOLIET WB AIRPORT	6								*	*	*	*	*	.04	*	*	*	*	*	.02						-
KANKAKEE SEWAGE PLANT														.10	.02	.02										.14
KEWANEE BAKER PARK												.04														.04
LAWN RIDGE									.01	.01	.02		.01													.05
LOCKPORT LOCK AND DAM													.05													.05
LOCKPORT POWER HOUSE													.04		.02											.06
LOUISVILLE												.10					.01	.02	.09	.03	.15	.17	.08	.01	.01	.67
MAROA SEWAGE PLANT											.01	.01		.01	.01	.07	.27	.02								.40
MASON CITY															.01	.04										.05
MC HENRY												.02	.04	.04												.10
MOLINE WB AIRPORT	//									.03																.03
MORRISONVILLE			.01	.01	.01										.01	.09	.09		.13							.37
MT CARMEL WATER WORKS											.07	.01	.05	.01			.01				.11	.13	.27	.10		.76
MURPHYSBORO WATER WORKS	//								.02	.01			.01	.05	.07	.02							.09	.01	.07	.35
NEWTON												.01	.02	.01		.01	.01		.09	.02	.03	.07	.02			.28
PARIS OEWAGE PLANT											*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PEORIA LOCK AND DAM	//											.04		.01												.05
PEORIA WB AIRPORT												.01														.01
PIPER CITY												.04	.05	.10	.01	.01	.01									.22
PITTSFIELD WATER WORKS															.01	.04										.05
PRAIRIE DU ROCHER W WKS								.18	.12	.05	.02	.01	.10	.11	.01	.02		.01					.17	.02	.01	.83
PRINCETON 1 S	//										.01	.06														.07
PROPHETSTOWN										.01	.02		.01	.01												.05
RANTOUL CHANUTE AF BASE	//										.01	.03	.04	.01	.02	.02	.06	.10	.02	.02				.01		.34
RICHVIEW									.13	.05	.03	.01		.01	.01		.03		.02	.04	.01	.44	.05			.83
ROCKFORD CAA	6														*	*	*	*	*	.01						-
SKOKIE N S TREAT WKS												.01	.03		.03											.07
SPRINGFIELD WB AIRPORT	//										.01						.10									.11
SPRINGFIELD WB CITY																	.11									.11
STICKNEY W SIDE TREAT													.05	.02	.15											.22
SULLIVAN WATER WORKS	//												.01	.05		.01		.07	.10	.12						.36
URBANA EXP FARM													.04		.4	.01	.13	.10	.11							.43
VANDALIA													.03	.09	.07	.01		.04	.12	.29	.13					.78
WASHINGTON												.01	.01	.01	.01	.01	.01	.01								.07
WATERMAN	//											.05			.01	.01	.01									.08
WENONA													.11													.11
—3d—																										
ALEXIS WATER WORKS												.08	.10	.15	.10	.06	.11	.08	.12	.06	.05	.08		.01		1.00
AUGUSTA HIGH SCHOOL									.02	.28	.14	.36	.19	.03	.08	.15	.07	.26	.02							1.60
BEARDSTOWN LAGRANGE DAM	//	-	-	-	-	-	-	-	-		.25	.15	.13	.13	.13	.06	.06	.02	.09	.02	.01				.05	-
BELLEVILLE SCOTT AF BSE	//										.01	.01		.02	.02	.01			.56	.25	.01					.89
BELVIDERE SEWAGE PLANT													.01	.01	.04	.02	.05	.07	.10	.15		.01	.01	.04	.01	.52
BRADFORD CAA	6								*	*	*	*	*	.21	*	*	*	*	*	.58	*	*	*	*	*	-

See reference notes following Station Index.

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CAIRO WB CITY			.12	.22	.30	.16	.19				.03	.03		.19											1.24
CARPENTER 1 SW			.02	.01	.02	.08								.04	.01		.02				.54	.03	.23	.02		1.02
CHICAGO CAL TREAT WKS														.01	.02	.19	.03	.05	.18	.19	.19	.31	01		1.18
CHICAGO LAKEVIEW PUMP														.01	.10	.21	.02	.03	.14	.18	.15	.04	.01	.02	.02	.93
CHICAGO LOYOLA UNIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	.03	.11	.18	[illegible]	.15	.01			-
CHICAGO MAYFAIR PUMP ST															.17	.15	03	06	.19	.19	.23	.21	.01	.01	.02	1.27
CHICAGO N BRA PUMP STA															.10	.15	.03	.03	.12	.22	21	.11				.97
CHICAGO ROSELAND PUMP														.01	.02	.20	.02	.03	.20	.18	.19	.32	.01	.01		1.19
CHICAGO SAN DIST DISPAT														.01	.08	.19	.01	.02	.11	.15	12	.09	.01			.80
CHICAGO SAN DIST OFF															.07	.19	.02	.01	.12	.14	.14	.09	.01			.79
CHICAGO S FILTER PL															.04	.18	.02	.02	.13	21	.16	.37	.01			1.14
CHICAGO SPRINGFLD PUMP															.09	.18	.05	.02	.09	.18	.19	.11	.03	.01	.02	.97
CHICAGO UNIVERSITY															.10	.17	.04	.03	.13	.13	.15	.24				.99
CHICAGO WB AIRPORT													.01	.10	.19	.02	.02	.13	.15	.19	.07	.01				.89
CHICAGO WB CITY															.04	.15	.05	.04	.16	.20	.10	.10				.84
CISNE BROWN CAMP	.01	02	.01	.09	.01																			.40	.02	.56
COLLINSVILLE												.02	.06								.35	.14	.18			.75
COULTERVILLE																							.51			.51
CRETE												.01	.01	.02	.16	.11	.10	11	.18	.05	.25	.08			1.08
DANVILLE HOSPITAL															.05	.08	.01	.01			.02	.43	.10	.20	.90
DIONA					.01	.02	.03	.04						.01		.01						.77	.62	.09	1.60
DOUGLAS										.01	.08	.18	.20	.10	.06	.12	.23	.21	.19	.02					1.40
DOWNS 2 NE		.02	.03									.10	.11	.23	.04	.05	.04	.03	.06	.59	.12				1.42
DWIGHT STATE REFORM													.13	.17	.20	.07	.08	.20	.05	.25	.05				1.20
EFFINGHAM CAA //		.03	.15	.02	.10																	.22	1.20	.45	2.17
EVANSTON PUMP STA															.09	.14	.03	.04	.13	.21	.26	.16	.03		1.09
FAIRBURY WATER WORKS //												.04	.28	.10	.10	.14	.04	.18	.10	.24	.01				1.23
FARMER CITY									.01	.01		.02	.18	.15	16	.30	.09			.40	.35		.01	.01	1.69
FREEPORT SEWAGE PLANT																	.02	.03	.17	.14	.04	.02		.03	.45
FULTON DAM 13													.06	.04	.02	.10	.07	.10	.08	.06	.10	.04	.02	.01	.70
GALATIA	.15	.20	.25	.20	.11	.14			.02	.04															1.11
GLENDALE EXP FARM	.43	.31	.14	.21	.06	.23	04				.02	.01	.01	.16											1.62
GOLCONDA DAM 51	.09	.51	.07	.18	16	.05	.19	.05				.03	.07		.09	.01									1.50
GREENFIELD												.01	.01	.02	.10		.01		.27		.01	.02		.01	.46
HOOPESTON									.01		.01			.02	.13	.13	.07	.20	.04		.21	.18	.01	.08	1.09
HUTSONVILLE //					.01	.08		.05	.01																.15
ILLINOIS CITY DAM 16											.06	.08	.09	.03	.09	.08	.05	.12	.10	.06	.04	.05	.01	.01	.87
JACKSONVILLE SEWAGE PL										.20	.10	.07	.11	.04	.13	.03			.39				.03	.08	1.18
JOLIET WB AIRPORT 6								*	*	*	*	*	.01	M	E	*	*	*	.68	*	M	*	M	M	-
KANKAKEE SEWAGE PLANT								.01				.01	12	.10	.10	.13	.05	.19	.10	.22	.19				1.22
KEWANEE BAKER PARK											.02	.18	20	.12	06	.14	08	.12	06	.03	.01		.01	.01	1.06
LANARK													*	*	*	*	M	*	*	M	M	*	*	M	M
LAWN RIDGE									.03	.14	16	.14	.10	.09	.21	.15	12	.03							1.17
LOCKPORT LOCK AND DAM												.01	.09	.20	.08	.02	.03	.19	.15	.13	.08				.98
LOCKPORT POWER HOUSE													.09	.15	13	.01	.03	.17	11	.12	10				.91
LOUISVILLE	.01		.01		.01																			.45	.02	.50
MARIETTA								.01	.01	.08	.13	.20	.21	.14	10	.18	.10	.21	.01						1.38
MAROA SEWAGE PLANT										.01	.04		.11	.04	.10	.04	25	.01			.40	.03		.07	1.10
MASON CITY										.01	.21	17	.18	.09	.12	.18	.07		.49	.02				.01	1.55
MC HENRY														.03	.07	.03	.07	.11	.11	.14	.06	.03	.01	.02	.68
MOLINE WB AIRPORT //											.02	.10	.08	.03	.08	.09	.06	.08	.06	.06	.02	.02			.70
MORRISONVILLE								.06										.03		.33	.01	.23	.10	.01	.77
MT CARMEL WATER WORKS	.01	.03	.07	.08	.03	.07	.04	.02			.03	.04				.03								.75	1.20
MURPHYSBORO WATER WORKS //	.22	.24	.24	.14	.09	.03																			.96
NEWTON			.01	.01	.03																			.36	.05	.46
PEORIA LOCK AND DAM //											.13	.16	.19	.17	.12	.08	.10	.05	.35	.02					1.37
PEORIA WB AIRPORT											.10	.18	.18	.18	.11	.08	.22	.05	.30		.01			.01	1.42
PIPER CITY													.18	.16	15	.06	.05	.04	.15	.05	.25	.03			1.12
PITTSFIELD WATER WORKS									.07	.15	.08	.05	.05	.02	.03	.05		.41	.01			.02	.08	.02	1.04
PRAIRIE DU ROCHER W WKS								.01	.03												.09	.62		.01	.76
PRINCETON 1 S //												.08	.21	.18	.07	.07	.11	.10	.16	.05	.06	.03			1.12
PROPHETSTOWN									.01		.02	.06	.06	.06	.07	.10	.05	.13	.10	.06	.01	.02	.03		.78
QUINCY CAA 6								*	*	*	*	*	.80	*	*	*	*	*	.57	*	*	*	M	M	-
QUINCY DAM 21									.10	.16	.14	.30	.03	.07	.06	.06	.21	.03	.04						1.20
RANTOUL CHANUTE AF BASE //									.01	.01	.02	.01	05	.04	.11	.02	.02	.05		.04	.19	.01	.03	.04	.65
RICHVIEW																						.40	.06		.46
ROCKFORD CAA 6														*	*	*	*	*	.29	*	*	*	*	*	-
SKOKIE N S TREAT WKS												.01	.11	.16	.04	.04	.14	22	.27	.17	.02				1.18
SPRINGFIELD WB AIRPORT //										.01	.12	.05	.04	.14	.16	.07			.09	.56			.01	.07	1.32
SPRINGFIELD WB CITY											.08	.01	.03	.16	.08	.09			.07	.43			.02	.18	1.15
STICKNEY W SIDE TREAT													.01	.11	.16	.01	.03	.14	.13	.11	.08				.78
SULLIVAN WATER WORKS //					.02	.01	.02	.04	.03	.01						.01	.01	.01	.01	.01		.19	.14	.14	.65
URBANA EXP FARM															.22	.02	.12	.07	.01	.01	.33	01	.10	.05	.94
VANDALIA														.01							1.11		.34		1.46
WASHINGTON	.01	.01	.01	.01								.20	.02	.20	12	.11	.14	.06	.38	.07	.02	.03			1.35
WATERMAN //												.03	.12	.15	.08	.04	.10	.13	.12	.12	.04	.01			.94
WENONA												.01	.09	.18	.07	.12	.21	.29	.20	.12	.01				1.30

—4th—

ALEXIS WATER WORKS		.01	.03	.01	.01																				.05
AUGUSTA HIGH SCHOOL		.01	.03		.01	.04	.01																		.10
BEARDSTOWN LAGRANGE DAM //		.02	.07	.01	.01	.01																			.12
BELLEVILLE SCOTT AF BSE //	.01	.03	.03	.20	.04																				.31
BELVIDERE SEWAGE PLANT	.04	.04	.01	.02	.02	.02																			.15
BRADFORD CAA 6	.12	*	*	*	*	*	.07																		-
CAIRO WB CITY					.04	.01	.02	.02	.15	.08	.01														.33
CARPENTER 1 SW		.04	.12	.05	.07																				.28
CHICAGO CAL TREAT WKS				.03	.19	.01														.02	.01				.26
CHICAGO LAKEVIEW PUMP	.01	.02	.02	.01	.04	.01	.02	.02	.01	.02	.02	.02	.01	.01											.24
CHICAGO LOYOLA UNIV		.01			.05																			.01	.07
CHICAGO MAYFAIR PUMP ST	.01	.01	.01	.02	.05	.01	.02	.02	.01	.02	.02		.01												.21
CHICAGO N BRA PUMP STA		.01			.04	.01																		.01	.07
CHICAGO ROSELAND PUMP	.01	.01		.03	.19	.01	.01		.01	.01	.01														.29
CHICAGO SAN DIST DISPAT				.01	.03																		.01		.05
CHICAGO SAN DIST OFF			.01	.01	.06																		.01	.01	.10
CHICAGO S FILTER PL				.02	.21	.01						.01													.25
CHICAGO SPRINGFLD PUMP	.02	.02	.02	.03	.02	.04	.03	.02	.03	.03	.02	.01	.02	.02	.02										.35
CHICAGO UNIVERSITY			.01	.01	.12	.01																			.15
CHICAGO WB AIRPORT				.01	.06	.01				.01														.01	.10
CHICAGO WB CITY				.01	.05	.01																		.01	.08
CISNE BROWN CAMP	.02	.01	.01	.02	.16	.10	.21	.15																	.68
COLLINSVILLE	.01	.04	.02	.04																					.11
COULTERVILLE		.04	.05	.20	.10	.06																			.45
CRETE					.13	.02	.01	.02																	.18
DANVILLE HOSPITAL			.05	.16	.07	.02																			.30
DIONA	.01	.02	.02	.03	.11	07	.01	.02	.02																.31
DOUGLAS	.01	.01	.01	.07																					.10
DOWNS 2 NE	.04	.04	.06	.11																					.25
DWIGHT STATE REFORM	.01	.06	.03	.05	.07																				.22
EFFINGHAM CAA //		.03	.01	.01	.22	.03	.02	.02	.01																.35
EVANSTON PUMP STA		.01			.03	.01																		.01	.06
FAIRBURY WATER WORKS //	.05	.01	.03	.11	.01																				.21
FARMER CITY	.08	.07	.08	.25	.01																				.49
FREEPORT SEWAGE PLANT	.03	.03	.02	.02	.02	.03	.02																		.17
FULTON DAM 13	.01		.01	.01	.01																				.04

See reference notes following Station Index.

Station		A. M. Hour ending											P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GALATIA					.35	.09	.02	.30	.15	.10	.16	.01														1.18
GLENDALE EXP FARM				.05	.35	.06	.02	.20	.01	.07	.11	.03														.90
GOLCONDA DAM 51									.01	.03	.06	.13	.06													.29
GREENFIELD		.08	.06	.13	.02																					.29
HOOPESTON			.13	.15	.27	.13	.01	.01																		.70
HUTSONVILLE	/		.20	.06	.01		.01	.01	.02	.11	.15	.06	.02	.01												.66
ILLINOIS CITY DAM 16		.01	.01	.01	.02	.01																				.06
JACKSONVILLE SEWAGE PL		.02	.10	.07	.01	.01	.01																			.22
JOLIET WB AIRPORT	6	.32	*	*	*	*	*	.11	*	*	*	*	*	.01												-
KANKAKEE SEWAGE PLANT		.01		.01	.14	.01																				.17
KEWANEE BAKER PARK		.01	.01		.01	.01																				.04
LANARK		*	.80																							.80
LAWN RIDGE			.01	.02	.01	.01																				.05
LOCKPORT LOCK AND DAM			.01	.01		.04	.02	.01	.02	.01																.12
LOCKPORT POWER HOUSE				.01		.05	.01																			.07
LOUISVILLE		.03	.02	.03	.02	.04	.08	.01																		.23
MAROA SEWAGE PLANT		.01	.09	.04	.12	.07																				.33
MASON CITY		.01	.05	.12	.01																					.19
MC HENRY		.02	.01	.01		.01	.03			.01	.01															.10
MOLINE WB/AIRPORT	/	.01																								.01
MORRISONVILLE		.04	.22	.17	.09	.03	.02																			.57
MT CARMEL WATER WORKS		.28	.12		.01	.19	09	.31	20	.15	.20	.03														1.58
MURPHYSBORO WATER WORKS	//	.01	.09	.38	.09	.05	.23	.12	.02	.01																1.00
NEWTON		.16	.08	.01	.04	.12	.12	.03	.01	.01		.01	.01													.60
PARIS SEWAGE PLANT		*	*	*	*	*	*	*	*	*	1.85															1.85
PEORIA LOCK AND DAM	//	.03		.02	.08																					.13
PEORIA WB AIRPORT		.02		.01	.03	.02																				.08
PIPER CITY			.07	.03	.07	.10																				.27
PITTSFIELD WATER WORKS		.01		.03	.02																					.06
PRAIRIE DU ROCHER W WKS		.01	.11	.14	08	.08		.01																		.43
PRINCETON 1 S	//		.01	.01	.03	.04	.01																			.10
QUINCY CAA	6	.04	*	*	*	*	*	.06																		-
QUINCY DAM 21		.04	.04	.02	.03	.06	.01																			.20
RANTOUL CHANUTE AF BASE	/	.04	.12	.20	.28	.02																				.66
RICHVIEW		.01		.05	.04	.01	.10																			.21
ROCKFORD CAA	6	.48	*	*	*	*	*	.01													*	*	*	*	*	-
SKOKIE N S TREAT WKS			.01			.03	.01																		.01	.06
SPRINGFIELD WB AIRPORT	//	.04	.04	.07	.01	.02	.01																			.19
SPRINGFIELD WB CITY		.02	.06	.11	.03	.01	.01																			.24
STICKNEY W SIDE TREAT				.01		.04																				.05
SULLIVAN WATER WORKS	//	.01	.01	.01		.12	.03	.03																		.21
URBANA EXP FARM		.02	.18	.19	.25	.02																				.66
VANDALIA			.04	.01	.04	.12	.04																			.25
WASHINGTON		.02		.04	.04	.04																				.14
WATERMAN	//		.01	.01	.01	.01	.02	.01																		.07
WENONA			.01	.01		.03	.06																			.11
													—5th—													
BELLEVILLE SCOTT AF BSE	//													*	*	*	*	*	*	*	*	*	*	*	*	*
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP			.01		.01		01	.01		.01		.01		.01												.07
CHICAGO LOYOLA UNIV		*	*	*	*	*	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.08	.08
CHICAGO MAYFAIR PUMP ST				.02	.02		.01	.01	.01		.01	.01														.09
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP		.02	.04	.08	.01	.03																				.18
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL		.02	.03	.05	.01	.03																				.14
CHICAGO SPRINGFLD PUMP			.01	.03	.01	.02	.01	.01	.02	.01	.01	.01	.01													.15
CHICAGO UNIVERSITY		.01	.02	.02	.01	.01	.01																			.08
CHICAGO WB AIRPORT		.01	.02	.02	.01			.01																		.07
CHICAGO WB CITY		.01	.01	.01	.01	.02	.01																			.07
COLLINSVILLE															.01											.01
CRETE												.02	.02													.04
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENDALE EXP FARM																			.01	.01	.01					.03
JOLIET WB AIRPORT	6		*	*	*	*	*	.03																		-
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKFORD CAA	6	.02																								-
SKOKIE N S TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05	.05
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													—8th—													
BEARDSTOWN LAGRANGE DAM	//									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREEPORT SEWAGE PLANT																									.02	.02
FULTON DAM 13																									*	*
ILLINOIS CITY DAM 16																									.03	.03
LANARK																									*	*
MOLINE WB AIRPORT	//																							.01	.01	.02
PRINCETON 1 S	//																						.01	.01	.01	.03
PROPHETSTOWN																									.02	.02
WATERMAN	//																			.01	.01					.02
													—9th—													
ALEXIS WATER WORKS									.01	.02	.01	.01								.01						.06
AUGUSTA HIGH SCHOOL										.09	.06	.18	.07													.40
BELVIDERE SEWAGE PLANT					.01			.02	.01	.01								.02	.02	.06	.10	.08	.04	.10	.13	.80
BRADFORD CAA	6		*	*	*	*	*	.06	*	*	*	*	*	.08	*	*	*	*	*	.14	*	*	*	*	*	-
CARPENTER 1 SW													.03	.02	.03	.01	.01		.05							.15
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP						.02	.03	.01	.04	.01	.01	.01		.01												.53
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST						.04	.05	.01	.02	.02	.01	.01							.02	.09	.06	.07	.03	.06	.66	1.15
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP						.04	.01	.02	.08	.12	.02	.02	.02		.01		.01	.03	.02	.04	.13	.01	.03	.01	.03	.65
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL									.03	.05		.01		.01		.01	.02	.06	.19	.02	.11	.01	.04	.01	.01	.58
CHICAGO SPRINGFLD PUMP						.03	.05	.03	.02	.04	.02	.01	.01		.01				.02	.01	.11	.02	.07	.05	.09	.59
CHICAGO UNIVERSITY						.07	.01						.01	.05	.07	.07	.13	.03	.07	.02	.01	.01				.55
CHICAGO WB AIRPORT					.01	.02	.03	.04	.04	.06	.02	.02	.02				.02	.01	.02	.01	.07	.03	.02	.01	.01	.46
CHICAGO WB CITY					.01	.03	.04	.05	.05	.07	.03	.03	.03				.02	.02	.02	.01	.07	.03	.02	.01	.01	.55
CISNE BROWN CAMP															.01	.03				.08	.04					.16
COLLINSVILLE											.01	.02	.01	.01				.06	.01							.12
CRETE				.02	.01			.01	.03	.07	.08	.09	.01	.04	.04	.07	.05	.04	.02	.04	.04	.05	.01	.04		.78
DANVILLE HOSPITAL																			.03				.01			.04
DIONA																	.01		.01	.01	.01			.02	.01	.07
DOUGLAS										.06																.06
DWIGHT STATE REFORM							.03		.02	.03	.10	.22	.10		.01	.03	.01	.03	.02				.05	.04	.03	.72
FERNINGHAM [illegible]														.01		.01	.01		.01	.03						.0
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible] WATER WORKS																		.03	.06						.01	
[illegible] CITY																					.03			.01	.01	

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
FREEPORT SEWAGE PLANT		.02	.01			.01	.01	.01								.02	.04	.08	.10	.10	.02	.01	.07	.02	.01	.53
FULTON DAM 13		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.45	1.45
GREENFIELD												.07	.02	.02	.03	.01			.01	.02						.18
HOOPESTON								.01	.02						.01	.01	.01		.02	.01						.09
HUTSONVILLE	//																			.01	.01	.03		.01	.01	.07
ILLINOIS CITY DAM 16				.02	.03				.07	.10	.02	.02	.01			.01	.10	.02								.40
JACKSONVILLE SEWAGE PL											.10	.08	.01	.01												.20
JOLIET WB AIRPORT	6		*	*	*	*	*	.12	*	*	*	*	*	.43	*	*	*	*	*	.18	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.04	2.04
KEWANEE BAKER PARK														.04	.02	.01		.06		.10	.08	.04	.02			.37
LAWN RIDGE													.02	.01		.01	.05			.05	.01	.01				.16
LOCKPORT LOCK AND DAM									.03	.10	.07				.03	.05	.01	.01	.03	.08	.06	.01	.03	.05	.02	.58
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE														.01		.06		.01			.01			.01		.10
MARIETTA												.01	.02	.02												.05
MAROA SEWAGE PLANT																			.30	.11	.02					.43
MASON CITY													.01	.07												.08
MC HENRY					.01	.02		.02								.01	.01	.01		.06	.10	.01		.12	.04	.41
MOLINE WB AIRPORT	//			.01	.01	.08		.05	.05	.05	.20	.09						.11		.01	.01	.01				.68
MT CARMEL WATER WORKS																.02	.03			.01	.14	.01			.01	.22
NEWTON																	*	*	*	.05	.05					.10
PEORIA LOCK AND DAM	//											.02	.02	.01	.01			.01		.01						.08
PEORIA WB AIRPORT					.01		.01					.01		.04			.01									.08
PIPER CITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PITTSFIELD WATER WORKS									.04	.11	.02	.03		.02	.01		.01									.24
PRAIRIE DU ROCHER W WKS													.10			.03		.02								.15
PRINCETON 1 S	//		.01				.01		.02	.02	.01	.03			.03				.06	.01		.07	.01	.05	.03	.36
PROPHETSTOWN		.02	.01		.02	.13	.18	.12	.10	.22	.13	.05			.02	.03	.01	.09	.05		.01	.03	.05	.02	.04	1.33
QUINCY CAA	6								*	*	*	*	*	.56												-
QUINCY DAM 21								.02	.18	.15	.01															.36
RANTOUL CHANUTE AF BASE	//																	.02	.01		.01	.03		.01		.08
RICHVIEW													.02	.03	.02		.01		.07	.12						.27
ROCKFORD CAA	6		*	*	*	*	*	.05							*	*	*	*	*	.18	*	*	*	*	*	-
SKOKIE N S TREAT WKS						.04			.02	.03	.01		.02	.01	.01		.01	.02	.02	.04	.09	.06	.02	.03	.23	.86
SPRINGFIELD WB AIRPORT	//													.02	.01											.03
SPRINGFIELD WB CITY											.01		.01	.01												.03
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//															.02	.01			.13	.17					.33
VANDALIA														.01	.02	.02				.06						.11
WASHINGTON															.01	.01			.01		.01		.01			.05
WATERMAN	//				.01	.02	.05	.02	.01					.01	.01	.01	.01	.04	.09	.09			.03		.02	.42
WENONA					.01	.05	.01	.01			.03			.01	.01	.01	.03	.05								.22

—10th—

ALEXIS WATER WORKS																.38	.12									.50
AUGUSTA HIGH SCHOOL																.10	.15	.02		.05	.06					.38
BEARDSTOWN LAGRANGE DAM	//	-	-	-	-	-	-	-	-								.20	.10								-
BELLEVILLE SCOTT AF BSE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.57					.57
BELVIDERE SEWAGE PLANT		.01	.03	01					.01	.01	.01						.02	.18	.17	.02						.47
BRADFORD CAA	6	.06													*	*	*	*	*	.48	*	*	*	*	*	-
CAIRO WB CITY																				.01		.27	.07			.35
CARPENTER 1 SW																			.16	.12						.28
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP		.59	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.02													1.55
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST			.02	.01	.01	.01	.02	.02	.01	.01	.02	.02	.02						.18	.21	.06	.08	.03	.01	.02	.76
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP		.01	.01		.01		.01		.01	.01		.01	.01						.30	.02	.01	.01		.01		.43
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL		.01				.01							.01						.16	.10	.09					.38
CHICAGO SPRINGFLD PUMP		.02	.01	.02	.01	.02	.02	.02	.01	.02	.02	.02	.01						.14	.21	.08	.08	.03	.02	.03	.79
CHICAGO UNIVERSITY																			.11	.20	.10					.41
CHICAGO WB AIRPORT																			.09	.12	.10				.01	.32
CHICAGO WB CITY																			.06	.14	.08	.06			.01	.35
CISNE BROWN CAMP																				.12	.05	.18				.35
COLLINSVILLE																			.26	.05						.31
COULTERVILLE													.08	.02						.21	.02					.33
CURTS								.02	.18	.05	.01	.01		.01					.06	.05	.12	.03				.54
DANVILLE HOSPITAL		.01	.01																	.10	.10	.11				.33
DIONA		.02																			.17	.08				.27
DOUGLAS																	.54	.13	.01		.18	.08				.94
DOWNS 2 NE				.01	.04	.01												.04	.11	.08	.02					.31
DWIGHT STATE REFORM		.03	.05	.05	.05	.10	.05	.02	.01									.06	.14	.15	.03					.74
EFFINGHAM CAA	//																				.25					.25
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//	.01																.01	.09	.14	.04					.29
FARMER CITY																		.02	.18	.14	.01					.35
FREEPORT SEWAGE PLANT				.01	.03	.02	.04									.04	.05	.37		.01			.02	.01		.60
FULTON DAM 13														.02	.01	.02	.25	.03					.01			.34
GALATIA																			.01	.04		.07				.12
GLENDALE EXP FARM																				.02		.23	.01			.26
GOLCONDA DAM 51																				.02		.35	.02	.01		.40
GREENFIELD																		.23	.13		.01	.01				.38
HOOPESTON																				.04	.17	.09				.30
HUTSONVILLE	//	.01				.01																	.04	.07	.04	.17
ILLINOIS CITY DAM 16																.33	.03									.36
JACKSONVILLE SEWAGE PL																		.33	.04							.37
JOLIET WB AIRPORT	6	.19													*	*	*	*	*	.14	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																					.14	.07			.01	.22
KEWANEE BAKER PARK																	.38	.10	.01		.01					.50
LANARK		*	*	*	*	*	*	*	*	.70																.70
LAWN RIDGE											.01	.01					.28	.12			.08	.02				.52
LOCKPORT LOCK AND DAM		.02	.03	.01	.01													.01	.12	.15	.07					.42
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE				.01																.06	.14	.02		.01		.24
MARIETTA																	.37	.15				.18				.70
MASON CITY		.01	.01															.20	.11	.02						.35
MC HENRY		.03																.02	.30	.12	.03			.03		.53
MOLINE WB AIRPORT	//															.20	.18					.02				.40
MORRISONVILLE																		*	*	*	.35					.35
MT CARMEL WATER WORKS																					.09	.01	.16	.01	.01	.28
MURPHYSBORO WATER WORKS	//																				.11					.11
NEWTON																			.01	.03	.01	.05				.10
PARIS SEWAGE PLANT																				.04		.30				.34
PEORIA LOCK AND DAM	//																.01	.29	.09			.01	.01			.41
PEORIA WB AIRPORT																		.40	.10			.03				.53
PIPER CITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	*	.25	.25
PITTSFIELD WATER WORKS										.02							.28	.09								.39
PRAIRIE DU ROCHER W WKS																				.23						.23
PRINCETON 1 S	//	.05	.03	.04	.04	.02	.04	.07	.13	.10				.01			.03	.36	.07			.05	.01	.01	.01	1.67
PROPHETSTOWN		.02	.08	.17	.02			.01			.01	.02	.01			.01	.23	.07								.65
QUINCY CAA	6														*	*	*	*	*	.25						-
QUINCY DAM 21															.02	.35	.04									.41
RANTOUL CHANUTE AF BASE	//																			.24	.01					.25

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
RICHVIEW																					.09					.09
ROCKFORD CAA	6	.28	*	*	*	*	*	.22							*	*	*	*	*	49	*	*	*	*	*	-
SKOKIE N S TREAT WKS		.02	.01																.17	.08	.06	.01				.35
SPRINGFIELD WB AIRPORT																			.28							.29
SPRINGFIELD WB CITY																			.28							.28
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URBANA EXP FARM																			.02	.06	.14					.22
VANDALIA																				.15	.20			.01		.36
WASHINGTON					.01														.34	.05						.40
WATERMAN		.01	.04	.04	.02	.03	.09	.34										.11	.19	.10			.09	.01		1.07
WENONA						.02	.02			.05		.01					.01	.01	.30	.05			.04			.51
													-11th-													
BRADFORD CAA	6	.05																								-
HUTSONVILLE	//	.02																								.02
JOLIET WB AIRPORT		.24																								-
KANKAKEE SEWAGE PLANT		.02																								.02
ROCKFORD CAA	6	.02																								-
													-12th-													
CHICAGO LOYOLA UNIV										.01																.01
													-17th-													
BRADFORD CAA	6														*	*	*	*	*	.13						-
CHICAGO CAL TREAT WKS																			.04	.01						.05
CHICAGO LAKEVIEW PUMP									.01																	.01
CHICAGO LOYOLA UNIV								.02	.03																	.05
CHICAGO MAYFAIR PUMP ST								.01	.01	.01																.03
CHICAGO N BRA PUMP STA								.02	.01	.01																.04
CHICAGO ROSELAND PUMP																				.01						.01
CHICAGO S FILTER PL											.01															.01
COULTERVILLE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EVANSTON PUMP STA							.01	.03	.01	.01																.06
JOLIET WB AIRPORT	6															*	*	*	*	.01						-
LOCKPORT POWER HOUSE																		01	.01							.02
MOLINE WB AIRPORT	//											.01														.01
SKOKIE N S TREAT WKS							.01	.04	.02																	.07
WATERMAN															.02	.05										.07
													-18th-													
ALEXIS WATER WORKS															.03	.04	.01	.02	.01							11
AUGUSTA HIGH SCHOOL																		.02	.06	.01	.04	.04				.17
BEARDSTOWN LAGRANGE DAM	//																.01	.01	.01		.05	.05	.05	.02	.01	.21
BELLEVILLE SCOTT AF BSE	//																								.07	.07
BRADFORD CAA	6														*	*	*	*	*	.08						-
CARPENTER 1 SW																									.06	.06
CHICAGO CAL TREAT WKS																				.01	.01	01	.04	.02	.01	.10
CHICAGO LAKEVIEW PUMP																					.05	01	.03		.01	.10
CHICAGO LOYOLA UNIV																					.05	01	.04	.01	.02	.13
CHICAGO MAYFAIR PUMP ST																				.02	.04		.04	.01	.02	.13
CHICAGO N BRA PUMP STA																					.06		.04	.01	.01	.12
CHICAGO ROSELAND PUMP																					02	.01	.05	.02	.02	.12
CHICAGO SAN DIST DISPAT																					.01	.01	.05	.01	.01	.09
CHICAGO SAN DIST OFF																					.03	.01	.05	.01	.01	.11
CHICAGO S FILTER PL																					.02	.01	.03	.02	.01	.09
CHICAGO SPRINGFLD PUMP																				.01	.04	.01	.04	.01		.11
CHICAGO UNIVERSITY																							.06	.03		.09
CHICAGO WB AIRPORT																					.03	.01	.05		.03	.12
CHICAGO WB CITY																					.03	.01	.04	.02	.02	.12
COLLINSVILLE																								.03	.06	.09
CRETE																								.02	.02	.04
DOUGLAS																		.08	.02	.08	.01	.09	.01			.29
DOWNS 2 NE																									.01	.01
DWIGHT STATE REFORM																			.01	.01	.01	.05		.01	.01	.10
EFFINGHAM CAA	//																								.03	.03
EVANSTON PUMP STA																				.01	.05	.01	.03	.02	.02	.14
FAIRBURY WATER WORKS	//																					.01	.03	.05	.04	.13
FARMER CITY																								.02	.03	.05
FREEPORT SEWAGE PLANT																.06	.03	.01								.10
FULTON DAM 13																.02	.07	.01							.01	.11
GREENFIELD																							.02	.08	.10	.20
ILLINOIS CITY DAM 16															.02	.07		.01								.10
JACKSONVILLE SEWAGE PL																						.04	.03	.06	.06	.19
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																				.01	.01	.01	.01	.01	.01	.06
KEWANEE BAKER PARK																.01	.06	.04	.03	.03						.17
LANARK																.06	.06									.12
LAWN RIDGE															.01	.02	.02	02	.01	.03	.02	.01	.01			.15
LOCKPORT LOCK AND DAM																				.02	.02	.02	.01	.01	.01	.09
LOCKPORT POWER HOUSE																					.02	.02	.03	.01	.03	.11
MARIETTA																	.01	.02	.05	.03	.04	.03				.18
MAROA SEWAGE PLANT																							.01	.01	.04	.06
MASON CITY																						.03	.03	.03	.07	.16
MC HENRY																	.01	.04	.07	.02	.01					.15
MOLINE WB AIRPORT	//															.03	.04		.02							.09
MORRISONVILLE																								.04	.06	.10
PEORIA LOCK AND DAM	//																		.01	.03	.03	.04	.03	.01	.04	.19
PEORIA WB AIRPORT																			.02	.01	.05	.04	.04	.02	.01	.19
PIPER CITY																								.01	.03	.04
PITTSFIELD WATER WORKS																					.03	.04	.07	.05	.02	.21
PRINCETON 1 S	//																.02	.04	.02	.01	.01	.02	.03		.01	.16
PROPHETSTOWN														.01	.01	.02	.06	.02		.02						.14
QUINCY CAA	6																				*	*	*	*	*	-
QUINCY DAM 21																			.01	.04	.05					.10
ROCKFORD CAA	6														*	*	*	*	*	.11						-
SKOKIE N S TREAT WKS																				.02	.04	.01	.04	.01	.01	.13
SPRINGFIELD WB AIRPORT	//																					.02	.03	.05	.05	.15
SPRINGFIELD WB CITY																							.05	.03	.06	.14
STICKNEY W SIDE TREAT																					.03	.01	.05	.01	.01	.11
URBANA EXP FARM														.02	.05	.06	.02									.15
VANDALIA																									.04	.04
WASHINGTON																				.01	.03	.04	.01	.04	.03	.16
WATERMAN																		.03	.02	.02		.02	.03			.12
WENONA																			.01		.03	.05	.01	.01	.01	.12
													-19th-													
BEARDSTOWN LAGRANGE DAM	//	.01																								.01
BELLEVILLE SCOTT AF BSE	//	.07	.05	.07																						.19
BELVIDERE SEWAGE PLANT																	.10	.05			.03	.01				.19
BRADFORD CAA	6														*	*	*	*	*	.11						-
CAIRO WB CITY			.02		.03	.01		.02	.03																	.11

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CARPENTER 1 SW		.05	.06																							
CHICAGO CAL TREAT WKS		.01	.01																							.11
CHICAGO LOYOLA UNIV															.04	.01										.07
CHICAGO N BRA PUMP STA														.01				.01								.02
CHICAGO ROSELAND PUMP			.01											.01				.01								.02
CHICAGO SAN DIST DISPAT			.01											.01												.02
CHICAGO SAN DIST OFF			.01																							.01
CHICAGO S FILTER PL		.01																								.01
CHICAGO SPRINGFLD PUMP						.01																				.01
CHICAGO UNIVERSITY															.01											.02
CHICAGO WB AIRPORT		.01											.01	.01												.02
CHICAGO WB CITY														.01												.02
CISNE BROWN CAMP				.02	.05	.04	.01							.01												.01
COLLINSVILLE		.06	.05																							.12
CRETE		.03	.02	.01																						.11
DANVILLE HOSPITAL			.02	.07	.03																					.06
DIONA		.09	.04	.05	.05																					.12
DOWNS 2 NE		.06	.04	.02	.02	.01																				.23
DWIGHTSTATE REFORM		.03																								.15
EFFINGHAM CAA	//	.05	.06	.07	.03																					.03
FAIRBURY WATER WORKS	//	.03	.02																							.21
FARMER CITY		.04	.04																							.05
GALATIA			.01			.01	.05	.01	.01	.01																.08
GLENDALE EXP FARM																										.10
GOLCONDA DAM 51			.01	.03		.01			.02							.03	.06	.03		.01	.02					.15
GREENFIELD		.02	.01																							.07
HOOPESTON		.01	.08	.03	.01																					.03
HUTSONVILLE	//						.01	.03	.02	.10	.04															.13
ILLINOIS CITY DAM 16																										.20
JACKSONVILLE SEWAGE PL		.02																	.02							.02
JOLIET WB AIRPORT	6	.11	*	*	*	*	*	.01																		.02
KANKAKEE SEWAGE PLANT		.03	.01	.01																						-
LOCKPORT LOCK AND DAM		.01																								.05
LOCKPORT POWER HOUSE								.01								.01	.04									.06
LOUISVILLE		.05	.05	.03	.07	.03		.01									.03									.04
MARIETTA																										.24
MAROA SEWAGE PLANT		.05	.01																.04	.01						.05
MASON CITY		.04																								.06
MC HENRY																										.04
MOLINE WB AIRPORT	//																.03									.03
MORRISONVILLE		.09	.06	.05									.01					.02	.02							.05
MT CARMEL WATER WORKS				.01	.01	.02	.01	.01	.01																	.20
MURPHYSBORO WATER WORKS	//			.02	.08	.02	.01																			.07
NEWTON		.06	.08	*	.17																					.13
PARIS SEWAGE PLANT		.01	.06	.03	.06	.05																				.31
PEORIA LOCK AND DAM	//																									.21
PEORIA WB AIRPORT																		.01	.02							.03
PIPER CITY																.01		.01								.02
PRAIRIE DU ROCHER W WKS		.05	.04	.01																						.10
PRINCETON 1 S	//	.05	.04	.09	.02					.02																.22
QUINCY CAA	6	.07																.01		.04						.05
RANTOUL CHANUTE AF BASE	//	.05	.05	.04																						-
RICHVIEW			.05	.05	.08																					.14
SKOKIE N S TREAT WKS																										.18
SPRINGFIELD WB AIRPORT	//	.04												.01	.02			.01								.04
SPRINGFIELD WB CITY		.07																	.02							.06
STICKNEY W SIDE TREAT																										.07
SULLIVAN WATER WORKS	//	.03	.07	.04	.05												.01									.01
VANDALIA		.05	.05	.04	.03		.01																			.19
WASHINGTON		.02	.01																							.18
WENONA		.01	.01																							.03
																										.02
—20th—																										
CHICAGO MAYFAIR PUMP ST																						.01				.01
CHICAGO S FILTER PL														.01												.01
HUTSONVILLE	//																.03									.03
—21st—																										
CAIRO WB CITY																										
COLLINSVILLE																			.04							.04
MURPHYSBORO WATER WORKS	//																			.01		.02	.01	.03	.02	.09
PRAIRIE DU ROCHER W WKS																						.03		.01	.01	.05
RICHVIEW																			.01	.01	.05	.02	.03	01		.13
																							.01	02		.03
—22d—																										
ALEXIS WATER WORKS																										
BEARDSTOWN LAGRANGE DAM	//																								.39	.39
BELVIDERE SEWAGE PLANT																									.01	.01
BRADFORD CAA	6																						.05	.12	.15	.32
CAIRO WB CITY			.02																	*	*	*	*	*	*	-
CHICAGO CAL TREAT WKS																										.02
CHICAGO LAKEVIEW PUMP																									.07	.07
CHICAGO LOYOLA UNIV																									.07	.07
CHICAGO MAYFAIR PUMP ST																									.06	.06
CHICAGO N BRA PUMP STA																									.03	.03
CHICAGO ROSELAND PUMP																									.03	.03
CHICAGO SAN DIST DISPAT																									.09	.09
CHICAGO SAN DIST OFF																									.08	.08
CHICAGO S FILTER PL																									.02	.02
CHICAGO SPRINGFLD PUMP																									.13	.13
CHICAGO UNIVERSITY																									.02	.02
CHICAGO WB AIRPORT																							.10	.04	.14	
CHICAGO WB CITY																							.03	.07	.10	
COULTERVILLE		*	*	*	*	*	.40																		.05	.05
CRETE																										.40
DWIGHT STATE REFORM																							.01	.05		.06
EVANSTON PUMP STA																							.01	.34	.85	1.20
FREEPORT SEWAGE PLANT																									.13	.13
FULTON DAM 13																						.17	.01	.07	.02	.27
GREENFIELD																		.01	.01				.02	.01	.05	.10
ILLINOIS CITY DAM 16																									.01	.01
JOLIET WB AIRPORT	6																							.01		.01
KANKAKEE SEWAGE PLANT																				*	*	*	*	*	*	-
LANARK														.02	.01							.01		.07	.02	.13
LAON RIDGE																								.02	.17	.19
LOCKPORT LOCK AND DAM																									.19	.19
LOCKPORT POWER HOUSE																						.04		.07	.02	.13
MC HENRY																						.03		.09	.01	.13
MOLINE WB AIRPORT	//																							.08	.01	.09
PRAIRIE DU ROCHER W WKS																						.07				.07
PRINCETON 1 S	//								.02																	.02
PROPHETSTOWN																				.03	.09	.11	.32	.03		.58
QUINCY CAA	6																				.60	.05				.65
																				*	*	*	*	*		-

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
QUINCY DAM 21																									.10	.10
RICHVIEW		.01																								.01
ROCKFORD CAA	6																				*	*	*	*	*	-
SKOKIE N S TREAT WKS																								.03	.06	.09
STICKNEY W SIDE TREAT																									.07	.07
WATERMAN	//																						.07	.14	.01	.22
-23d-																										
ALEXIS WATER WORKS		.12	.03			.04	.02	.22																.03	.71	1.17
AUGUSTA HIGH SCHOOL																									.29	.29
BEARDSTOWN L_GRANGE DAM	//	.02	.14	.02																						.18
BELLEVILLE SCOTT AF BSE	//				.01	.14	.04																			.19
BELVIDERE SEWAGE PLANT		.01	.02								.10	.02	.01	.02	.01		.09	.14	.01				.30	.55	.15	1.43
BRADFORD CAA	6	.11	*	*	*	*	*	.04	*	*	*	*	*	.26							*	*	*	*	*	-
CARPENTER 1 SW			.05	.03	.02	.08	.03																			.21
CHICAGO CAL TREAT WKS		.04	.03									.07	.07	.01		.05										.27
CHICAGO LAKEVIEW PUMP		.01	.01									.13	.04		.02				.01	.02		.01			.13	.44
CHICAGO LOYOLA UNIV		.04										.09	.02	.01			.02	.02	.02	.02	.01	.16	.03		.25	.69
CHICAGO MAYFAIR PUMP ST		.02	.02									.16	.09		.02				.02	.01			.02	.08	.12	.56
CHICAGO N BRA PUMP STA		.01									.01	.12	.04	*	*	*	*	*	*	*	*	*	*	*	.50	.65
CHICAGO ROSELAND PUMP		.04	.04									.10	.05												.01	.24
CHICAGO SAN DIST DISPAT		.02										.15	.06			.01			.04				.11		.02	.41
CHICAGO SAN DIST OFF			.01									.10	.05		.01				.02			.01	.19		.11	.50
CHICAGO S FILTER PL		.01	.01									.10	.07			.03	.01	.02							.06	.31
CHICAGO SPRINGFLD PUMP		.02	.02										.20		.02				.05	.01			.02		.04	.38
CHICAGO UNIVERSITY		.01	.01									.04	.14			.01			.03				.02		.11	.37
CHICAGO WB AIRPORT		.03	.01									.03	.05		.01	.02						.03	.02		.01	.21
CHICAGO WB CITY		.03	.01									.06	.05		.01				.07	.03	.01		.08	.01	.06	.42
CISNE BROWN CAMP							.07																			.07
COLLINSVILLE				.08	.02	.11	.01	.01																		.23
CRETE		.01	.09				.02	.02	.01				.10	.04	.03	.04										.36
DANVILLE HOSPITAL															.35	.04		.01								.40
DIONA						.03	.05	.02																		.10
DOUGLAS		.41	.08																							.49
DOWNS 2 NE		.01	.02						.01	.01	.02			.46												.53
DWIGHT STATE REFORM		.27	.07	.06						.01	.04			.05												.50
EFFINGHAM CAA	//					.01	.09				.03															.13
EVANSTON PUMP STA		.06	.01	.01									.10					.02	.08	.08	.05	.10	.21	.01	.51	1.24
FAIRBURY WATER WORKS	//	.01	.02	.02	.04					.02	.02	.04	.22	.08	.02											.49
FARMER CITY											.05			.50	.01											.56
FREEPORT SEWAGE PLANT		.03								.01	.06		.01	.01	.01		.05	.07	.04	.01			.63	.26	.15	1.34
FULTON DAM 13										.40			.02			.01	.02					.05	.32	.63	.20	1.65
GREENFIELD		.02	.05		.11	.02																				.20
HOOPESTON												.03	.02	.01	.24											.30
ILLINOIS CITY DAM 16		.01		.01	.08	.39	.20															.02	.06	.12	.19	1.08
JACKSONVILLE SEWAGE PL			.01	.07	.03																					.11
JOLIET WB AIRPORT	6	.16	*	*	*	*	*	.20	*	*	*	*	*	.15	*	*	*	*	*	.09						-
KANKAKEE SEWAGE PLANT		.11	.10	.01	.01										.06											.29
KEWANEE BAKER PARK		.02	.01						.10	.20	.03	.01	.03	.02	.01	.01								.04	.42	.90
LANARK			.01							.05	.05		.01	.03			.54	.01	.05				.16	.32	.16	1.39
LAWN RIDGE		.14	.05	.01				.01	.10	.12	.01	.01													.50	.95
LOCKPORT LOCK AND DAM		.07	.08									.10	.04	.06	.10	.02										.47
LOCKPORT POWER HOUSE		.09	.06									.10	.03	.04	.12											.44
LOUISVILLE						.01	.05																			.06
MARIETTA		.07	.05																							.12
MAROA SEWAGE PLANT														.30												.30
MASON CITY			.04	.06									.30													.40
MC HENRY												.02						.19	.11	.07	.23	.10	.41	.51	.24	1.88
MOLINE WB AIRPORT	//						.08	.22	.02	.01		.01											.17		.46	.97
MORRISONVILLE						.06																				.06
MT CARMEL WATER WORKS							.01	.08	.01																	.10
NEWTON				*	*	*	*	*	*	*	.15															.15
PEORIA LOCK AND DAM	//	.38	.12	.05					.24	.07			.04	.01												.91
PEORIA WB AIRPORT		.05	.10	.04	.01				.37	.01			.07													.65
PIPER CITY			.01	.29	.03	.01	.01			.01	.01	.02	.05	.03	.05											.52
PITTSFIELD WATER WORKS		.07	.05	.13	.10																					.35
PRINCETON 1 S	//	.01	.01							.21	.12	.02	.07	.01											.36	.81
PROPHETSTOWN									.02	.63	.40												.09	.26	.32	1.72
QUINCY CAA	6	.13	*	*	*	*	*	.26																		-
QUINCY DAM 21		.04	.06	.26	.04																					.40
RANTOUL CHANUTE AF BASE	//													.04	.32	.02										.38
RICHVIEW					.05	.04	.09	.04																		.22
ROCKFORD CAA	6	.13							*	*	*	*	*	.06	*	*	*	*	*	.88	*	*	*	*	*	-
SKOKIE N S TREAT WKS		.06										.12	.01				.02	.04	.04	.02	.03	.11	.16		.47	1.08
SPRINGFIELD WB AIRPORT	//			.06	.02																					.08
SPRINGFIELD WB CITY				.08	.05																					.13
STICKNEY W SIDE TREAT		.02										.13	.05			.01			.03	.01			.04		.01	.30
SULLIVAN WATER WORKS	//					.04	.01																			.05
URBANA EXP FARM															.63											.63
VANDALIA						.01	.01	.01																		.03
WASHINGTON		.03	.09	.07					.01	.16	.05		.09													.50
WATERMAN	//	.05								.01	.12	.01		.01									.04	.12	.36	.72
WENONA		.01	.09	.08	.01				.01		.01															.21
-24th-																										
ALEXIS WATER WORKS		.74	.47	.23	.15	.18	.07	.15	07	.02	.01	.01	.24	.50	.50	.11	.14	.21	.04	.07	.14	.13	.01		.18	4.37
AUGUSTA HIGH SCHOOL		.05	.04	.04	.02		.12	.03											.01	.01		.01		.01	.12	.46
BEARDSTOWN LAGRANGE DAM	//				.07	.03											.02	.40	.06						.01	.59
BELLEVILLE SCOTT AF BSE	//																		.04	.04	.06					.14
BELVIDERE SEWAGE PLANT		.25	.06	.02												.02	.03					.05	.30	.16	.05	.94
BRADFORD CAA	6	.30	*	*	*	*	*	.48	*	*	*	*	*	.37	*	*	*	*	*	.37	*	*	*	*	*	-
CAIRO WB CITY																				.03	.07	.15	.04			.29
CARPENTER 1 SW																				.02	.02					.04
CHICAGO CAL TREAT WKS		12	.15	.13	.04											.02	.07	.01			.03	.71	.30	.16	.05	1.79
CHICAGO LAKEVIEW PUMP		.36	.25	.04	.01												.04	.07	.06	.05		.03	.30	.19	.08	1.48
CHICAGO LOYOLA UNIV		.36	.24	.03													.02	.04	.08	.05		.02	.27	.16	.06	1.33
CHICAGO MAYFAIR PUMP ST		.39	.18	.03									.01				.01	.09	.11	.08	.01		.28	.53	.16	1.88
CHICAGO N BRA PUMP STA		*	*	*	*	*	*	*	*	.52							.02	.07	.08	.07		.01	.32	.15	.06	1.30
CHICAGO ROSELAND PUMP		.12	.15	.12	.03										.01	.04	.07	.03			.02	.46	.34	.20	.06	1.65
CHICAGO SAN DIST DISPAT		.29	.20	.07	.02											.03	.09	.06	.01			.11	.31	.20	.06	1.45
CHICAGO SAN DIST OFF		.41	19	.06	.01											.03	.10	.08	.02	.01		.11	.38	.28	.08	1.76
CHICAGO S FILTER PL		.14	.12	.08	.04											.01	.05	.05			.01	.32	.38	.19	.07	1.46
CHICAGO SPRINGFLD PUMP		27	.22	.05	.01											.04	.09	.04	.02	.01		.04	.31	.15	.05	1.30
CHICAGO UNIVERSITY		22	.15	09	.02											.03	.10	.06				.20	.31	.19	.05	1.42
CHICAGO WB AIRPORT		31	.19	.08	.01											.07	.05	.04	.01			.27	.20	.18	.05	1.46
CHICAGO WB CITY		.39	.21	.06	.04	.01										.01	.06	.06	.02	.01		.10	.36	.21	.06	1.60
CISNE BROWN CAMP																						.01	.11	.08	.02	.22
COLLINSVILLE																				.02						.02
COULTERVILLE																		.01	.07	.10	.03	.03	.01	.01	.01	.27
CRETE			.10	.30	.09	.01								.02	.04	.09	.01				.12	.13	.38	.07	.01	1.37
DANVILLE HOSPITAL							.10			.07	.08	.04	.01	.01									.04	.11	.04	.50
[illegible]																						.03	.04	.03	.15	.25
DOUGLAS		.53	.32	.04	.08	.22	.01	.20	.38	.09	.01	.80	.70	.17	.06		.01			.15	.02	.20	.04			4.03
[illegible]			.01	08	.15	.18	.11	.13	.10	.10	.06	.04	.06	.01	.01					.25	.75	.16	.10	.18	.32	2.80

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
DWIGHT STATE REFORM		.08	.10	.20	.18	.02						.05	.17	.14	.09	.01			.02	.07	.05	.20	.20	.10	.40	2.08
EFFINGHAM CAA	//																				.06	.05	.02		.05	.18
EVANSTON PUMP STA		.55	.33	.04	.01													.05	.05	.04			.50	.21	.11	1.89
FAIRBURY WATER WORKS	//	.02	.13	.07	.18	.30	.30	.12	.01	.08	.13	.06	.05	.05						.01	.25	.24	.20	.10	.20	2.50
FARMER CITY					.22	.03	.18	.07	.15	.05	.07	.05	.03	.06	.01					1.08	.02	.01	.02	.05	.48	2.58
FREEPORT SEWAGE PLANT		.16	.04									.06		.07	.04				.03	.18	.06	.11	.10	.06	.11	1.02
FULTON DAM 13		.04	.02	.02	.01	.01						.27	.08	.11	.05			.14	.27	.04	.15	.09	.02		.20	1.52
GALATIA																					.01	.04	.02	.04	.01	.12
GLENDALE EXP FARM																					.06	.07	.17	.08		.38
GOLCONDA DAM 51																						.13	.09	.20	.01	.43
GREENFIELD																.27			.05	.01					.01	.34
HOOPESTON					.04	.06	.10	.20	.12	.15	.01	.12	.13		.01								.05	.15	.05	1.19
HUTSONVILLE	//							.07	.05		.01		.01		.01								.13		.06	.34
ILLINOIS CITY DAM 16		.31		.06		.01					.10	.14	.16	.08	.02	.02	.10	.31	.38	.21	.12			.11	.47	2.60
JACKSONVILLE SEWAGE PL																.04	.06	.01	.01	.01	.01	.04				.18
JOLIET WB AIRPORT	6		M	*	*	*	M	.60	*	M	*	*	*	.02	*	*	*	*	*	.15	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT				.09	.26	.03	.01							.01	.05	.03				07	.05	.24	.44		.04	1.32
KEWANEE BAKER PARK		.16	.06	.02	.25	.12	.07	.04	.04	.04	.06	.02	.06	.21	.10	.07	.16	.10	.14	.02			.10		.06	1.90
LANARK		.18	.08					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN RIDGE		.27	.18	.10	.11	.29	.30	.07	.02	.03	.08	.13	.13	.13	.16	.01	.01	.01	.06	.19	.14	.13	.47	.03	.02	3.07
LOCKPORT LOCK AND DAM		.12	.18	.19	.01										.05	.05	.05	.01			.25	.11	.23	.15	.08	1.48
LOCKPORT POWER HOUSE		.13	.20	.17	.02										.04	.05	.04	.01			.19	.19	.17	.21	.10	1.52
LOUISVILLE																					.01	.04	.08	.40	.04	.57
MARIETTA		.20	.15	.45	.20	.05	.10	.10	.27	.50	.13	.05							.05	.05	.01					2.31
MAROA SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	*	1.26				.35	.20	.10	.03	.13	.04	.10		2.21
MASON CITY			.01	.02	.21	.13	.06	.10	.08	.02	.03	.03	.03	.01					.73	.01	.16	.06	.04	.04	.01	1.78
MC HENRY		.19	.12	.03											.07	.01				.01	.03		.33	.25	.36	1.40
MOLINE WB AIRPORT	//	.50	.23	.08	.03					.02	.04	.14	.15	.17	.02	.12	.05	.02	.11	.25	.19	.01		.04	.01	2.18
MORRISONVILLE																							.01	.18	.01	.20
MT CARMEL WATER WORKS							*																	.05	.05	.10
MURPHYSBORO WATER WORKS	//																			.02	.06	.29	.02	.01		.40
NEWTON																						*	*	*	*	*
PARIS SEWAGE PLANT		.01	.02	.02	.01	.05	.01		.04	.02													.24	.06	.06	.54
PEORIA LOCK AND DAM	//	.04	.41	.33	.17	.05	.15	.36	.13	.39	.51	.35	.10	.05	.12				.03	.12	.38	.17	.06	.04	.01	3.97
PEORIA WB AIRPORT		.12	.56	.37	.13	.07	.42	.30	.09	.64	.59	.07	.05	.15	.26				.03	.23	.69	.04	.06	.08	.01	5.06
PIPER CITY				.02	.15	.23	.30	.25	.12	.11	.08	.05	.09	.01				.01	.03	.59	.29		.04	.15	.25	2.75
PITTSFIELD WATER WORKS																	.12								.03	.15
PRAIRIE DU ROCHER W WKS																		.02	.08	.08	.03					.21
PRINCETON 1 S	//	.14	.10	.04	.01		.17	.18	.03	.01	.01		.10	.12	.15	.13		.15	.10	.07	.08	.13	.13	.18	.06	2.09
PROPHETSTOWN		.03	.05								.01	.03	.06	.14	.13	.03	.15	.10	.10	.15	.30	.08	.06	.01		1.43
QUINCY CAA	6		*	*	*	*	*	.03							*	*	M	*	*	.03	*	*	*	*	M	-
QUINCY DAM 21						.02											.41	.02							.04	.49
RANTOUL CHANUTE AF BASE	//		.02	.01	.03	.18	.07	.08	.07	.04	.05	.09	.01							.10		.01	.02	.02	.28	1.08
RICHVIEW																				.03	.06	.04	.01			.14
ROCKFORD CAA	6	.86	*	*	*	M	*	.17	*	M	*	*	*	.05	*	*	*	*	*	.17	*	*	*	*	*	-
SKOKIE N S TREAT WKS		.58	.29	.04	.01													.05	.05	.05			.46	.21	.12	1.86
SPRINGFIELD WB AIRPORT	//				.03	.04	.05		.05		.09	.02	.01					.02	.01	.07		.05		.01		.45
SPRINGFIELD WB CITY						.02	.16		.09			.02						.01	.07	.13		.02	.03	.01	.01	.57
STICKNEY W SIDE TREAT		.30	.19	.07	.02											.03	.09	.05	.01			.06	.28	.16	.06	1.32
SULLIVAN WATER WORKS	//					.04	.01	.01	.22	04	.02										.02	.02	.21	.18		.77
URBANA EXP FARM						.10	.13	.18	.19	.11	.11	.04	.02											.02	.18	1.03
VANDALIA																				.05	.08	.02	.36	.02		.53
WASHINGTON		.05	.39	.20	.18	.15	.14	.39	.31	.10	.13	.16	.02	.09	.07	.01				.41	.30	.84	.06	.01	.03	4.04
WATERMAN	//	.25	.16	.04											.08	.15	.13	.05	.14		.06	.32	.17	.09	.07	1.71
WENONA		.26	.16	.21	.12	.08	.05	.10	.12	.01	.02	.15	.05	.01	.09	.09	.01		.10	.01	.17	.37	.30	.17	.17	2.82

—25th—

ALEXIS WATER WORKS		.15	.02																							.17
AUGUSTA HIGH SCHOOL		.01	.02	.01																						.04
BEARDSTOWN LAGRANGE DAM	//	.09	.04																							.13
BELLEVILLE SCOTT AF BSE	//	.34	.09	.02																						.45
BELVIDERE SEWAGE PLANT		.02	.02	.12	.09	.05	.13	.01																		.44
BRADFORD CAA	6	.54	*	*	*	M	*	.18																		-
CAIRO WB CITY							.02																			.02
CARPENTER 1 SW		.13	.02	.25																						.40
CHICAGO CAL TREAT WKS		.08	.08	.22	.10	.12		.02																		.62
CHICAGO LAKEVIEW PUMP		.11	.20	.47	.01	.08	.01	.04																		.92
CHICAGO LOYOLA UNIV		.08	.20	.26	.01	.11	.01	.04																		.71
CHICAGO MAYFAIR PUMP ST		.08	.55	.68	.03	.03	.07	.06	.01																	1.51
CHICAGO N BRA PUMP STA		.09	.21	.24	.01	.12	.02	.04																		.73
CHICAGO ROSELAND PUMP		.13	.13	.33	.03	.16		.01																		.79
CHICAGO SAN DIST DISPAT		.08	.15	.34	.02	.05	.01	.02																		.67
CHICAGO SAN DIST OFF		.14	.21	.38	.02	.05		.02																		.82
CHICAGO S FILTER PL		.07	.10	.23	.03	.07	.01	.02																		.53
CHICAGO SPRINGFLD PUMP		.09	.17	.25	.01	.10		.04																		.66
CHICAGO UNIVERSITY		.08	.11	.30	.02	.06																				.57
CHICAGO WB AIRPORT		.08	.16	.32	.02	.06		.02	.01																	.67
CHICAGO WB CITY		.10	.16	.38	.03	.06	.01	.05	.02																	.81
CISNE BROWN CAMP					.02	.10																				.12
COLLINSVILLE		.31	.03																							.34
COULTERVILLE		.01		.16	.13																					.30
CRETE		.08	.11	.12	.08	.01	.04																			.44
DANVILLE HOSPITAL		.08	.12	.02																						.22
DIONA		.04	.02	.02	.01	.01																				.10
DOUGLAS		.01	.14																							.15
DOWNS 2 NE		.04	.01	.01	.02																					.08
DWIGHT STATE REFORM		.40	.30	.02	.03																					.75
EFFINGHAM CAA	//		.01	.02	.01	.03																				.07
EVANSTON PUMP STA		.07	.58	.61	.02	.04	.02	.03	.01																	1.38
FAIRBURY WATER WORKS	//	.18	.02	.01	.03																					.24
FARMER CITY		.10	.01	.01																						.12
FREEPORT SEWAGE PLANT		.08	.06	.18	.11	.05	.02	.02																		.52
FULTON DAM 13		.20	.17	.11																						.48
GALATIA				.01		.02																				.03
GOLCONDA DAM 51		.01	.01																							.02
GREENFIELD		.06	.04	.01																						.11
HOOPESTON		.15	.23	.04																						.42
HUTSONVILLE	//	.07	.04		.02		.08	.12	.01	.01																.35
ILLINOIS CITY DAM 16		.09	.02	.01																						.12
JOLIET WB AIRPORT	6	1.38	*	M	*	*	*	1.21																		-
KANKAKEE SEWAGE PLANT		.10	.16	.01	.01	.04	.01	.02	.01																	.36
KEWANEE BAKER PARK		.01	.09	.03																						.13
LANARK		-	-	-	-	-	-	-	-																	-
LAWN RIDGE		.02	.08	.01																						.11
LOCKPORT LOCK AND DAM		.34	.38	.10	.23	.02	.04																			1.11
LOCKPORT POWER HOUSE		.41	.42	.10	.31		.01	.01																		1.26
LOUISVILLE			.01	.52	.20	.15																				.88
MARIETTA		.09	.01	.02	.01																					.13
MASON CITY		.09	.04																							.13
MC HENRY		.17	.04	.01	.05	.04		.09																		.40
MOLINE WB AIRPORT	//	.27	.04	.05																						.36
MORRISONVILLE			.04	.01	.05																					.10
MT CARMEL WATER WORKS		.02	.02				.06																			.10
MURPHYSBORO WATER WORKS	//				.05																					.05
NEWTON		*	*	*	*	.63																				.63

See reference notes following Station Index.

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PARIS SEWAGE PLANT	.09	.09	.06																					.24
PEORIA LOCK AND DAM	.01	.18	.03	.01																				.23
PEORIA WB AIRPORT		.27		.04																				.31
PIPER CITY	.24	.01		.01	.01																			.27
PITTSFIELD WATER WORKS	.08	.01																						.09
PRAIRIE DU ROCHER 4 WKS		.01	.23																					.24
PRINCETON 1 S	.05		.15	.05																				.25
PROPHETSTOWN	.01	.12	.07																					.20
QUINCY CAA 6	.03	*	*	*	*	*	.02																	-
QUINCY DAM 21	.04																							.04
RANTOUL CHANUTE AF BASE	.24	.07	.01																					.32
RICHVIEW			.01	.19																				.20
ROCKFORD CAA 6	.35	*	*	*	*	*	.32													*	*	*	*	*	-
SKOKIE N S TREAT WKS	.08	.55	.88	.02	.04	.01	.03																		1.61
SPRINGFIELD WB AIRPORT		.02	.01																						.03
SPRINGFIELD WB CITY	.01	.02																							.03
STICKNEY W SIDE TREAT	.08	.15	.31	.02	.08	.01	.03																		.68
SULLIVAN WATER WORKS	.01	.06	.02																						.09
URBANA EXP FARM	.15	.01																							.16
VANDALIA	.01	.08	.01	.13			.01	.03																	.27
WASHINGTON	.01	.04	.11	.03	.02																				.21
WATERMAN	.03	.07	.10	.07	.02	.03																			.32
WENONA	.20	.01	.11	.08																					.40
—26th—																									
ALEXIS WATER WORKS																			.02	.06	.01				.09
BRADFORD CAA 6																				*	*	*	*	*	-
CHICAGO CAL TREAT WKS																						.02	.08	.05	.15
CHICAG ROSELAND PUMP																						.02	.07	.02	.11
CHICAGO S FILTER PL																								.02	.02
CHICAGO UNIVERSITY																						.01			.01
CRETE																					.07	.12	.08	.02	.29
DOUGLAS																						.09	.10	.01	.20
DWIGHT STATE REFORM																					.05	.01	.04	.08	.18
JOLIET WB AIRPORT 6																				*	*	*	*	*	-
LAWN RIDGE																				.01	.02	.07	.09	.06	.25
LOCKPORT LOCK AND DAM																					.01	.04	.03	.01	.09
LOCKPORT POWER HOUSE																						.04	.04		.08
PEORIA LOCK AND DAM																							.03	.01	.04
PEORIA WB AIRPORT																							.02	.02	.04
PIPER CITY																.01	.02								.03
ROCKFORD CAA 6	.01																								-
WENONA																				.01	.01	.09	.10	.10	.31
—27th—																									
BRADFORD CAA 6	.17																								-
CHICAGO CAL TREAT WKS	.01	.01					.07	.04	.01																.14
CHICAGO ROSELAND PUMP				.01		.01	.02	.02																	.06
CHICAGO SAN DIST DISPAT							.01																		.01
CHICAGO S FILTER PL		.02	.03	.03																					.08
CHICAGO UNIVERSITY	.01		.02	.01																					.04
CHICAGO WB AIRPORT				.01																					.01
CHICAGO WB CITY	01	.01	.01																						.03
CRETE								.02	.03	.10	.08	.02													.25
DWIGHT STATE REFORM	.02	.04																							.06
JOLIET WB AIRPORT 6	18	*	*	*	*	*	.19																		-
LAWN RIDGE	.02																								.02
LOCKPORT LOCK AND DAM	.01																								.01
PEORIA LOCK AND DAM	.01																								.01
PIPER CITY													.01	.02		.01	.01								.05
WENONA	.04	.01	.02	.01																					.08
—28th—																									
ALEXIS WATER WORKS																.03	.01								.04
BRADFORD CAA 6														*	*	*	*	*	.07	*	*	*	*	*	-
CAIRO WB CITY																	.01	.11	.04		.08				.24
CARPENTER 1 SW																.10	.44	.26	.14	.01	.02				.97
CHICAGO CAL TREAT WKS																			.01		.01				.02
CHICAGO ROSELAND PUMP																		.01	.01	.01					.03
CHICAGO SAN DIST DISPAT																					.02				.02
CHICAGO SAN DIST OFF																				.01	.01				.02
CHICAGO S FILTER PL																				.01	.01				.02
CHICAGO SPRINGFLE PUMP																	.01								.01
CHICAGO UNIVERSITY																				.01	.01				.02
CHICAGO WB AIRPORT																		.01		.01	.01		.01		.04
CHICAGO WB CITY																				.01	.01				.02
CISNE BROWN CAMP																			.19	.10	.05	.03			.37
COLLINSVILLE																.07	.43	.25	.15	.04	.01				.95
COULTERVILLE																		.40	.06	.03	.01		.04	.16	.70
DANVILLE HOSPITAL																.02									.02
DIONA																			.15	.16	.05				.36
EFFINGHAM CAA																		.17	.26	.17	.02				.62
EVANSTON PUMP STA																							.01	.01	.02
FAIRBURY WATER WORKS 7																.01	.01								.02
GALATIA												*	*	*	*	*	*	*	*	*	*	*	*	*	*
GLENDALE EXP FARM					.07																.12	.19	.01		.39
GOLCONDA DAM 51																					.02	.24	.01		.27
HUTSONVILLE																					.05	.27	.20	.02	.54
ILLINOIS CITY DAM 16										.01	.01			.04	.01	.05	.01		.06			.01		.01	.21
JOLIET WB AIRPORT 6														*	*	*	*	*	.04	*	*	*	*	*	-
KEWANEE BAKER FARM												.01	.01	.01	.02		.04			.01	.01				.11
LOCKPORT LOCK AND DAM																	.01			.01		.01			.03
LOCKPORT POWER HOUSE																	.02	.01			.01				.04
LOUISVILLE																			.15	.21	.14				.50
MOLINE WB AIRPORT 7														.01	.05	.02	.02		.01	.08	.01				.20
MORRISONVILLE																		.10							.10
MT CARMEL WATER WORKS																				.05	.20	.20	.05		.50
MURPHYSBORO WATER WORKS					.05														.12	.09	.16	.18	.01	.09	.70
NEWTON																		*	*	*	*	*	*	*	*
PARIS SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-								.14	.15	.01			.30
PEORIA LOCK AND DAM															.01	.01									.02
PEORIA WB AIRPORT															.02										.02
PRAIRIE DU ROCHER 4 WKS																	.05	.01		.07	.01	.01	.13	.15	.43
PRINCETON 1 S																	.08	.05			.03		.01	.01	.18
PROPHETSTOWN																				.02	.01	.01		.01	.05
RICHVIEW																		*	*	*	*	*	*	*	*
SKOKIE N S TREAT WKS																							.01	.01	.02
STICKNEY W SIDE TREAT																					.02				.02
SULLIVAN WATER WORKS 8																		.11	.11	.18					.40
VANDALIA																	.06	.36	.38	.12					.92
WATERMAN 8													-	-	-	-	-		.01	-	-	-	-	-	.01

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—29th—																										
BEARDSTOWN LAGRANGE DAM	//								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELLEVILLE SCOTT AF BSE	//											.01		.04	.04	.01										.10
BRADFORD CAA	6	.03																								-
CAIRO WB CITY							.02	.02	.05	.02		.29						.28						.01		.69
CARPENTER 1 SW														.04	.04	.04	.02									.14
CHICAGO LAKEVIEW PUMP								.01																		.01
CHICAGO LOYOLA UNIV			.01																							.01
CHICAGO N BRA PUMP STA			.01																							.01
CHICAGO SAN DIST DISPAT				.02																						.02
CHICAGO UNIVERSITY																		.01								.01
CISNE BROWN CAMP		.04	.08	.10	.06	.04			.19	.42	.31	.52	.22	.04										.01	.01	2.04
COLLINSVILLE		.01	.01										.01	.04	.06	.02	.01	.01								.17
COULTERVILLE		.17	.18	.02	.02	.01	.05		.15	.16	.05	.16	.04	.02												1.03
DANVILLE HOSPITAL														.01	.05	.05	.01	.01	.01		.01	.08	.01	.04	.03	.31
DIONA					.01	.01		.01			.03	.04	.08	.03	.05	.02	.03							.01	.01	.33
EFFINGHAM CAA	//		.02	.01						.02	.04	.04	.01	.03	.03	.03										.23
EVANSTON PUMP STA		.01																								.01
FAIRBURY WATER WORKS	//														.02	.01	.01	.01	.01							.06
GALATIA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.45	2.45
GLENDALE EXP FARM																.03	.09		.01		.02					.15
GOLCONDA DAM 51																.01				.03		.01	.01			.06
GREENFIELD															.03	.04	.02	.01	.01	.08	.03	.08				.30
HOOPESTON														.01	.02	.02	.01		.01			.02	.02			.11
HUTSONVILLE	//		.01				.01	.01					.07	.08	.15	.10	.01		.01	.10	.28					.83
ILLINOIS CITY DAM 16				.01	.01																					.02
JACKSONVILLE SEWAGE PL												.01		.01		.02	.01		.03	.02	.01					.11
JOLIET WB AIRPORT	6	.03																								-
LOCKPORT LOCK AND DAM		.01																								.01
LOUISVILLE			.05	.01	.04				.02	.17	.17	.19	.17	.04	.01	.01										.88
MARIETTA													.01	.03												.04
MAROA SEWAGE PLANT														-	-	-	-	-	-	-	-	.05	.01	-	-	.06
MASON CITY														.02	.06	.01	.01									.10
MOLINE WB AIRPORT	//							.03	.04																	.07
MORRISONVILLE																	.01	.01			.01	.02				.05
MT CARMEL WATER WORKS		.01	.09	.24	.03	.08			.05	.06	.19	.03	.17	.05					.07	.03			.10	.12	.02	1.34
MURPHYSBORO WATER WORKS	//	.15	.07	.17	.01		.10	.39	.12	.13	.29	.21	.06	.01	.01											1.72
PARIS SEWAGE PLANT												.02	.03	.04	.04	.02	.01	.04						.02	.03	.25
PEORIA LOCK AND DAM	//													.02	.04	.03										.09
PEORIA WB AIRPORT														.01	.04	.01						.01	.01			.08
PITTSFIELD WATER WORKS													.03	.07	.03	.02										.15
PRAIRIE DU ROCHER W WKS		.24			.03	.01	.11	.01				.07	.10	.04		.01	.03	.01	.01	.01	.02					.70
PRINCETON 1 S	//	.01																								.01
RICHVIEW		*	*	*	*	*	.90	.10	.01	.09		.08	.06													1.26
SPRINGFIELD WB AIRPORT	//			.01													.02	.01			.05	.01				.10
SPRINGFIELD WB CITY																	.01	.02	.01		.02					.06
SULLIVAN WATER WORKS	//		.01		.01																		.03	.02		.07
URBANA EXP FARM																						.05	.03	*	.04	.12
VANDALIA		.01	.01																		.02	.01		.01	.01	.07
WASHINGTON															.03	.02		.01						.01	.02	.09
—30th—																										
BEARDSTOWN LAGRANGE DAM	//	-	-	-	-	-	-	-	-																	-
BELVIDERE SEWAGE PLANT						.02	.04																			.06
CAIRO WB CITY												.02														.02
CHICAGO CAL TREAT WKS			.01				.01									.01		.01								.04
CHICAGO LAKEVIEW PUMP		.01							.01								.01									.03
CHICAGO LOYOLA UNIV				.01	.01													.01								.03
CHICAGO MAYFAIR PUMP ST				.	.01													.01								.02
CHICAGO N BRA PUMP STA			.01	.01	.01												.01									.04
CHICAGO ROSELAND PUMP		.01	.01		.01		.01											.02	.01							.07
CHICAGO SAN DIST DISPAT			.01	.03																						.04
CHICAGO SAN DIST OFF		.01																								.01
CHICAGO S FILTER PL																.01										.01
CHICAGO SPRINGFLD PUMP				.01							.01															.02
CHICAGO UNIVERSITY																		.01	.01							.02
CHICAGO WB AIRPORT																		.01								.01
CHICAGO WB CITY																	.01	.01								.02
CISNE BROWN CAMP			.01	.01	.01																					.03
DANVILLE HOSPITAL		.02																								.02
DIONA		.01																								.01
DOWNS 2 NE					.01	.02	.01																			.04
EVANSTON PUMP STA				.02	.01												.02	.01								.06
FREEPORT SEWAGE PLANT				.01	.03	.02																				.06
HUTSONVILLE	//		.02	.04	.01																					.07
ILLINOIS CITY DAM 16				.04	.02																					.06
LANARK			.01	.02																						.03
MOLINE WB AIRPORT	//						.01				.01	.01														.03
MT CARMEL WATER WORKS		.02	.04																							.06
NEWTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.22							1.22
OREGON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS SEWAGE PLANT		.04	.01																							.05
PROPHETSTOWN											.01	.02	.01													.04
RANTOUL CHANUTE AF BASE	//																					.03	.01			.04
ROCKFORD CAA	6		*	*	*	*	*	.03	*	*	*	*	*	.08												-
SKOKIE N S TREAT WKS					.01												.01	.01								.03
SPRINGFIELD WB AIRPORT	//	.01																								.01
SPRINGFIELD WB CITY		.02																								.02
SULLIVAN WATER WORKS	//															.04										.04
WASHINGTON			.01																							.01

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

ILLINOIS
APRIL 1950

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	51	67	60	39	45	48	68	63	39	69	56	45	41	50	61		68	64	54	52	60	83	78	68	55	49	46	42	49	48		55.8
	MIN	35	38	34	32	28	24	35	30	32	35	31	25	19	25	28		41	43	37	32	31	38	53	45	40	32	31	31	35	40		33.8
ALTON DAM 26	MAX	56	56	64	52	44	52	64	66	60	74	62	46	42	54	58	70	66	74	58	52	75	83	88	80	64	70	53	53	56	55		61.6
	MIN	36	40	40	36	33	28	36	38	42	44	36	30	24	28	30	36	46	46	42	38	35	46	55	60	42	36	38	40	42	43		38.9
ANNA 1 NW	MAX	55	60	72	68	46	47	58	72	68	72	70	48	41	52	57	66	65	74	67	60	66	79	82	78	69	70	67	68	64	62		64.1
	MIN	40	42	54	38	31	28	32	44	50	59	39	34	26	24	30	33	48	52	44	38	36	47	64	64	50	40	44	40	47	53		38.1
ANTIOCH	MAX	44	51	47	42	38	44	58	52	33	61	57	40	34	41	57	65	71	64	53	44	53	75	70	45	50	41	42	42	40	41		49.8
	MIN	33	27	34	32	25	21	28	25	26	31	36	22	19	23	27	32	49	49	40	31	25	31	38	38	40	36	30	29	35	36		31.6
AURORA COLLEGE	MAX	48	55	48	42	39	43	60	52	35	68	52	42	38	43	58	66	62	65	53	47	55	76	68	53	52	48	45	45	49	49		51.9
	MIN	35	27	36	37	28	24	31	28	29	32	35	28	20	23	23	31	45	46	36	29	28	33	47	42	40	33	30	28	35	35		32.5
BLOOMINGTON NORMAL	MAX	49	54	55	44	43	45	59	58	40	69	68	45	37	48	57	68	68	67	64	51	58	79	78	68	62	56	54	48	43	48		56.1
	MIN	35	35	41	34	29	25	34	33	32	38	33	28	20	24	27	37	46	47	42	32	28	42	57	47	44	35	34	32	37	40		35.6
CAIRO WB CITY	MAX	58	63	74	69	47	50	61	73	72	74	59	52	43	53	58	68	66	76	66	58	66	81	82	80	71	70	62	74	70	63		65.3
	MIN	45	48	57	40	38	35	37	46	57	57	45	37	32	32	38	41	53	53	49	43	40	54	67	66	52	45	50	46	54	55		47.1
CARBONDALE SEWAGE PL	MAX	65	60	72	70	45	49	59	74	69	73	70	50	40	51	57	67	64	74	68	60	67	81	83	79	73	70	66	67	65	61		65.0
	MIN	41	40	44	39	33	29	31	45	49	60	41	36	28	24	27	30	42	53	46	39	38	46	54	67	52	36	44	41	48	54		41.9
CARLINVILLE 4E	MAX	50	58	58	52	41	47	60	56	51	74	59	45	39	50	56	66	61	66	64	52	68	81	86	80	70	65	59	51	54	54		59.2
	MIN	34	41	45	34	31	25	31	40	40	43	34	30	22	20	23	28	45	46	42	31	28	42	52	64	42	33	35	37	42	44		36.8
CARLYLE	MAX	54	61	70	69	46	49	61	66	60	74	62	45	40	53	57	70	62	70	61	54	69	82	85		66	67	61	61	56	55		61.6
	MIN	38	48	53	38	34	27	35	44	42	57	39	34	25	26	36	34	50	54	45	38	33	49	60	65	49	39	40	40	45	49		42.2
CHARLESTON	MAX	57	54		42	42	45	57	55	50	71	65	45	37	50	57	67	65	69	66	58	64	78	82	79	75	64	60	55	54	53		59.2
	MIN	36	35		36	31	26	30	43	35	35	36	31	22	25	27	33	45	51	44	34	31	38	60	57	48	37	37	36	43	44		37.4
CHICAGO HEIGHTS	MAX	51	54	45	37	39	48	54	48	39	65	59	33	31	39	46	62	62	66	53	49	55	74	60	52	51	50	47	43	41	47		50.0
	MIN	35	39	35	33	27	33	35	37	32	42	29	30	20	26	29	43	48	50	37	30	31	36	40	43	40	34	30	33	35	33		34.8
CHICAGO UNIVERSITY	MAX	46	52	44	42	33	35	56	34	35	65	46	37	31	37	48	61	57	62	52	46	51	75	50	56	56	47	41	41	44	45		47.5
	MIN	36	34	35	34	28	28	32	29	29	35	37	24	22	31	31	41	52	48	39	35	36	40	42	41	38	35	33	34	37	40		35.2
CHICAGO WB AIRPORT	MAX	46	53	50	44	36	40	58	36	35	67	44	34	33	40	52	65	67	63	53	46	54	76	54	49	53	48	41	43	48	47		49.2
	M N	32	30	36	35	29	27	30	29	29	35	34	22	21	26	26	35	50	47	38	33	33	36	43	43	39	35	33	30	37	41		33.8
CHICAGO WB CITY	MAX	47	54	49	44	38	37	56	36	35	66	46	39	32	37	50	64	61	64	52	47	51	74	53	47	57	47	43	40	43	45		48.5
	MIN	36	36	35	35	29	29	34	29	28	35	38	27	26	32	32	42	53	48	41	36	38	42	42	41	42	39	35	35	37	40		36.4
CICERO	MAX	47	53	53	44	38	38	59	53	35	66	55	40	35	44	56	67	67	65	55	48	56	77	69	50	54	49	45	44	48	48		51.9
	MIN	35	30	36	34	28	27	30	29	29	33	36	28	20	27	27	33	50	50	43	33	34	36	43	42	41	34	32	30	37	40		34.2
DANVILLE	MAX	53	54	59	60	39	40	55	49	41	73	63	41	37	48	55	65	74	70	60	55	60	76	74	75	63	60	53	55	53	54		57.1
	MIN	36	32	42	36	30	32	29	36	32	37	36	31	21	21	27	31	45	47	43	34	29	36	59	52	45	38	37	30	44	41		36.3
DECATUR	MAX	52	56	55	44	44	44	61	50	45	72	56	39	39	50	59	70	68	67	58	52	63	81	81	76	69	61	48	49	52	50		57.0
	MIN	35	36	39	35	31	25	33	36	35	43	35	30	21	23	27	35	47	49	44	33	29	41	59	55	45	36	34	35	42	42		37.0
DIXON	MAX	51	62	54	42	43	46	63	62	34	66	55	41	40	48	58	58	63	61	50	48	56	77	75	51	50	41	45	45	46	46		52.6
	MIN	35	28	32	32	26	20	34	27	29	32	33	25	18	22	24	29	46	43	37	30	26	35	47	41	40	33	30	26	36	39		31.8
DU QUOIN	MAX	54	60	70	70	46	48	61	70	66	75	70	50	40	50	66	68	63	73	70	60	69	81	83	81	74	69	63	65	64	64		64.4
	MIN	36	40	55	39	32	28	32	35	33	43	40	33	28	24	31	34	48	54	46	38	35	49	63	66	50	39	43	41	48	52		41.2
EAST ST LOUIS	MAX	56	59	73	70	47	51	65	66	65	75	59	49	42	53	58	69	64	72	68	55	69	87	90	84	65	70	66	55	55	55		63.7
	MIN	39	42	54	38	34	31	36	46	45	56	39	34	26	26	31	38	50	54	46	42	36	49	60	65	50	39	40	42	45	50		42.8
EFFINGHAM CAA	MAX	52	58	68	46	43	43	58	55	50	72	46	42	38	50	54	66	60	68	60	51	64	78	81	79	64	64	48	56	53	54		57.4
	MIN	36	38	44	34	29	27	31	38	37	43	35	30	22	24	27	32	43	47	38	33	29	40	50	60	38	35	38	37	44	45		37.1
ELIZABETHTOWN	MAX	56	59	71	70	46	49	60	73	70	75	72	52	40	52	56	69	68	76	70	64	68	81	81	82	77	72	70	72	68	63		66.1
	MIN	43	40	54	39	33	28	29	42	47	59	40	34	28	25	32	33	46	49	46	37	36	50	66	66	52	58	44	42	50	56		42.8
FAIRFIELD	MAX					55	47	60	69	65	74	70	46	38	50	61	70	62	74	69	55	66	82	83	86	76	69	69	67	64	59		64.8
	MIN					32	26	28	35	40	52	40	33	26	26	29	29	42	53	45	38	33	48	61	65	50	38	38	38	47	50		40.0
FREEPORT	MAX	48	59	50	41	43	45	69	50	33	62	52	40	40	50	61	67	71	64	50	51	57	79	63	48	47	43	44	46	45	44		52.1
	MIN	34	25	32	32	26	19	33	25	28	32	32	24	28	21	23	33	48	45	36	30	23	28	43	38	38	33	31	28	36	38		31.4
FULTON DAM 13	MAX	47	52	52	37	38	42	54	53	33	55	54	40	38	44	52	64	63	54	50	45	51	62	63	49	48	40	40	42	46	45		48.4
	MIN	35	31	33	32	29	24	35	28	30	33	33	26	22	28	31	38	46	45	38	33	30	36	49	43	39	35	33	33	38	39		34.2
GALESBURG	MAX	53	68	58	41	42	48	61	60	41	72	49	38	42	50	61	70	68	63	54	52	56	81	71	60	46	49	49	41	49	48		54.7
	MIN	36	38	35	34	29	24	35	31	33	34	30	26	21	27	32	37	47	43	37	34	29	38	60	47	37	33	34	33	34	40		34.9
GALVA	MAX	51	65	57	40	45	47	65	64	38	70	58	46	40	49	60	70	68	69	57	52	59	81	80	56	61	51	49	44	53	50		56.3
	MIN	34	33	36	32	28	23	33	29	30	32	30	25	18	25	29	33	44	40	35	30	28	34	51	43	39	31	31	29	35	39		32.6
GOLCONDA DAM 51	MAX	54	60	68	66	44	46	56	70	68	74	59	50	39	50	55	65	64	72	65	58	67	78	80	80	70	78	68	80	76	72		64.4
	MIN	42	42	52	35	32	30	32	42	48	55	38	32	28	25	32	33	45	48	44	37	35	35	62	60	47	40	44	40	50	50		41.2
GREENVILLE	MAX	54	56	69	67	45	47	59	63	58	73	57	45	40	50	55	67	63	70	61	53	64	81	83	81	65	66	59	55	56	53		60.5
	MIN	36	38	53	36	32	27	32	42	39	52	37	33	24	27	30	33	46	50	44	37	33	45	59	64	47	38	39	39	43	47		40.1
GRIGGSVILLE	MAX	54	68	62	42	44	51	66	62	52	75	70	42	40	49	58	72	70	68	59	54	62	83	88	82	65	63	54	48	49	53		60.2
	MIN	31	38	38	29	28	22	23	36	35	43	40	20	19	23	22	32	45	46	33	30	32	32	55	54	42	32	31	33	38	40		34.1
HARRISBURG	MAX	60	60	72	70	45	46	61	76	72	75	65	48	40	50	55	70	66	76	66	57	69	82	85	80	74	73	57	68	63	59		64.7
	MIN	43	42	40	36	32	28	31	42	45	48	42	36	28	24	29	30	41	52	45	38	34	47	67	54	51	37	44	42	49	48		40.8
HAVANA	MAX	52	62	57	43	44	49	65	59	44	74	55	47	40	50	59	71	67	65	57	53	62	82	83	77	62	57	54	47	48	53		57.9
	MIN	36	36	40	33	31	27	33	35	35	42	34	30	22	25	28	31	44	43	42	34	29	38	58	51	46	36	35	35	40	42		36.4
HENRY	MAX	53	58	55	45	45	47	62	53	34	68	51	41	41	49	59	68	69	62	56	52	62	78	71	63	57	53	49	43	48	48		54.7
	MIN	36	32	37	32	30	24	34	31	30	32	33	27	18	23	26	34	48	43	40	28	29	39	52	46	42	33	32	29	37	41		33.9
HILLSBORO	MAX	54	56	67	66	45	48	60	56	51	74	67	47	41	50	55	67	61	66	64	57	65	80	84	80	74	65	63	52	55	53		60.8
	MIN	36	37	50	35	32	26	32	42	38	49	35	31	23	25	27	32	48	51	44	34	30	43	59	59	47	37	37	39	43	45		38.9
HOOPESTON	MAX	49	52	55	50	39	41	56	49	40	71	64	41	34	46	56	66	71	66	59	50	57	77	68	67	59	57	52	49	50	51		54.7
	MIN	35	30	43	35	30	25	30	34	30	35	35	29	20	21	23	31	44	41	43	32	29	35	59	50	45	35	35	28	42	40		34.8
JACKSONVILLE	MAX	53	63	60	44	45	50	68	65	50	78	56	47	41	51	60	72	67	69	58	55	65	83	89	83	68	63	56	49	51	55		60.5
	MIN	35	36	41	34	32	26	36	38	39	47	34	30	22	23	25	33	42	44	41	30	25	40	61	57	46	31	35	36	42	43		36.8
JERSEYVILLE	MAX	54	58	57	50	46	50	67	67	57	71	71	51	42	51	75	70	69	70	69	63	67	84	88	86	76	66	66	50	53	54		63.3
	MIN	36	41	48	35	32	27	35	42	41	54	36	31	23	27	30	36	48	52	43	34	34	47	60	68	47	36	38	40	43	46		40.3
JOLIET WB AIRPORT	MAX	48	53	49	44	39	43	59	38	34	69	45	35	37	43	58	66	63	63	52	48	56	77	57	53	54	49	43	43	49	48		50.5
	MIN	27	27	35	35	25	24	31	30	29	34	34	22	21	22	26	30	43	45	36	32	29	32	46	44	37	34	33	27	36	41		32.2

See reference notes following Station Index.

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KANKAKEE	MAX	49	54	54	45	41	42	55	49	37	68	56	41	35	42	57	65	70	64	58	48	55	75	69	62	60	53	50	45	50	50		53.3
	MIN	36	28	38	35	25	26	31	31	30	31	34	29	20	23	26	32	47	40	43	34	31	35	53	46	42	36	33	30	37	40		34.2
KANKAKEE 4 W	MAX	48	52	52	45	39	40	55	52	35	69	63	42	35	53	55	66	72	64	60	48	54	76	68	60	59	53	51	44	49	49		53.6
	MIN	35	29	38	34	29	24	30	30	28	32	34	28	20	34	24	31	45	43	41	33	28	33	52	45	42	34	33	28	36	39		33.7
KEWANEE	MAX	49	64	55	39	44	52	63	54	35	68	52	37	36	45	59	59	68	60	53	49	57	79	70	61	56	49	46	38	49	47		53.1
	MIN	35	31	35	31	28	22	34	29	34	33	30	26	19	25	36	31	47	42	38	31	30	37	50	43	40	31	31	28	35	40		33.4
LA HARPE	MAX	53	70	67	42	47	49	66	65	45	72	59	48	42	50	60	72	64	63	57	55	62	82	82	75	61	56	52	48	48	53		58.9
	MIN	36	37	37	32	29	24	37	33	32	41	32	29	20	23	27	35	44	43	34	31	29	39	57	49	42	32	32	34	38	40		34.9
LA SALLE	MAX	50	60	56	41	42	46	63	55	33	71	54	42	40	46	59	70	67	64	54	49	57	80	70	57	55	51	47	41	51	48		54.0
	MIN	38	31	38	33	20	24	35	31	30	32	34	28	21	25	28	37	48	46	42	35	32	38	51	45	42	35	34	30	37	42		35.0
LINCOLN	MAX	53	57	56	44	46	46	61	53	43	74	57	43	41	51	59	70	66	67	57	53	62	80	77	73	65	58	53	48	50	52		57.2
	MIN	36	37	41	34	31	26	33	35	35	41	34	30	21	24	28	35	44	47	42	34	30	40	58	52	44	36	39	34	41	42		36.8
MARENGO	MAX	46	54	45	42	40	45	61	55	33	65	54	40	39	46	59	66	74	66	49	47	55	77	67	46	51	45	44	50	42	44		51.6
	MIN	34	25	34	32	25	19	30	26	28	32	34	25	19	20	24	33	49	45	38	29	28	26	42	39	39	33	29	24	36	36		31.1
MATTOON	MAX	51	55	65	43	41	41	55	49	48	70	46	38	37	48	55	66	65	68	57	50	61	77	80	76	63	61	48	54	51	51		55.7
	MIN	34	37	43	34	29	27	31	38	35	46	35	29	22	27	26	34	45	48	42	36	29	39	60	57	43	36	37	36	45	44		37.5
MC LEANSBORO	MAX	57	59	70	66	45	47	59	72	65	74	71	59	41	51	57	67	64	74	70	52	67	80	82	82	75	70	67	67	62	61		64.9
	MIN	40	39	55	38	32	29	31	42	43	57	41	35	27	26	31	32	45	54	45	38	35	49	62	55	51	39	43	40	47	51		42.1
MINONK	MAX	50	55	55	43	43	54	60	58	34	71	46	45	39	46	59	64	74	64	57	51	58	78	74	65	53	55	55	42	48	46		54.7
	MIN	35	32	28	33	29	25	32	34	30	34	33	28	19	25	27	39	41	42	41	31	28	36	52	51	42	33	33	30	30	37		34.0
MOLINE WB AIRPORT	MAX	50	66	47	40	44	47	66	50	36	59	47	36	40	49	62	71	61	64	51	50	58	82	69	57	52	48	45	39	48	48		53.1
	MIN	35	37	33	34	29	24	38	29	31	36	31	24	21	24	29	38	49	43	35	32	28	38	45	46	37	34	33	31	38	38		34.0
MONMOUTH AIRPORT	MAX	50	68	59	39	43	48	64	61	40	70	58	46	40	49	60	71	68	64	55	52	60	82	80	59	60	52	46	43	49	47		56.2
	MIN	35	33	35	32	29	22	33	30	32	34	30	26	18	21	28	38	45	32	31	31	26	37	43	41	40	31	31	29	36	40		32.3
MORRIS 3 NE	MAX	50	54	54	44	41	49	60	57	35	69	64	44	39	45	58	67	64	64	61	49	57	79	76	58	53	50	49	42	48	47		54.2
	MIN	35	29	35	33	28	24	32	29	29	32	34	28	20	24	25	33	45	45	42	32	28	31	49	45	44	34	32	29	36	41		33.4
MORRISON	MAX	50	64	55	43	45	48	65	63	35	67	55	43	42	51	62	71	65	63	53	51	58	80	74	54	54	48	46	44	47	48		54.8
	MIN	35	31	35	32	28	23	33	27	30	32	32	26	20	24	27	35	47	43	38	31	28	35	48	42	30	33	32	28	37	39		33.0
MORRISONVILLE 1 E	MAX	52	55	55	64	44	45	59	52	49	73	56	45	39	49	55	66	63	66	61	51	63	79	82	74	71	62	60	49	53	53		58.3
	MIN	35	36	47	36	32	26	33	41	38	47	35	31	23	25	27	33	46	47	43	33	29	40	59	58	47	35	36	39	44	44		38.2
MT CARMEL	MAX	60	60	70	68	58	50	60	70	62	75	70	54	46	56	56	66	65	75	72	60	66	79	82	82	75	70	66	70	65	60		65.6
	MIN	40	40	54	38	27	27	30	45	38	48	45	34	26	25	29	34	45	53	45	38	34	46	52	72	51	40	45	48	42	50		41.1
MOUNT CARROLL	MAX	48	61	57	49	44	45	63	60	34	65	55	43	39	49	59	68	67	64	51	49	55	78	75	52	49	44	43	47	46	45		53.5
	MIN	35	27	35	32	27	19	35	26	30	32	33	25	19	22	23	35	50	45	38	31	27	31	47	42	39	33	32	27	37	38		32.4
MT VERNON	MAX	53	60	70	66	46	50	69	74	60	73	66	50	40	53	60	71	61	75	65	54	69	84	84	83	75	71	68	68	59	56		64.1
	MIN	38	39	56	38	33	28	30	41	44	57	41	35	27	26	36	34	46	54	47	38	33	47	62	65	50	38	43	43	46	51		42.2
NEW BURNSIDE	MAX	54	59	71	70	45	47	59	74	70	75	68	48	39	51	55	67	65	75	63	59	67	79	82	80	71	69	59	70	64	61		63.9
	MIN	41	40	54	58	30	25	30	41	48	58	38	32	26	21	25	33	44	52	45	35	34	50	65	65	50	38	44	40	48	52		41.4
NEWTON	MAX	56	56	68	66	44	46	58	61	54	73	67	45	41	52	57	68	65	71	68	58	64	81	83	82	73	67	62	62	58	59		62.2
	MIN	38	33	52	38	32	25	27	36	37	45	37	29	24	21	24	25	36	50	44	32	26	38	60	61	48	34	40	36	45	48		37.4
OLNEY RADIO STA	MAX	55	55	67	66	42	47	57	66	57	73	68	46	39	51	57	68	63	70	67	57	64	80	82	80	73	66	65	65	57	58		62.0
	MIN	40	39	54	39	32	26	31	42	38	49	40	33	26	25	28	30	43	53	45	37	30	45	61	65	51	37	42	39	48	50		40.6
OTTAWA	MAX	50	57	54	43	43	46	61	53	35	69	59	42	40	49	60	68	66	64	54	50	58	78	69	57	55	52	47	41	51	47		54.0
	MIN	37	30	38	34	29	24	33	31	30	33	35	29	21	25	27	33	44	44	42	34	31	36	50	46	42	35	34	29	37	42		34.5
PALESTINE	MAX	54	55	67	65	41	45	56	60	51	72	63	43	38	48	54	66	63	69	60	52	63	78	80	79	66	65	54	63	58	58		59.5
	MIN	39	37	53	39	30	27	30	38	36	45	39	34	24	24	27	30	41	51	44	37	32	40	62	58	47	37	42	38	46	48		39.2
PANA	MAX	54	56	67	62	44	47	60	54	50	75	57	44	40	50	57	67	67	71	62	54	65	79	82	78	72	66	54	53	54	55		59.9
	MIN	34	35	48	33	30	26	29	41	36	47	34	30	22	25	25	32	46	46	44	32	32	40	59	57	49	36	37	37	44	44		37.7
PARIS WATER WORKS	MAX	60	55	63	60	41	42	55	51	45	72	65	41	36	45								77	79	79	73	63	58	57	54	55		57.7
	MIN	36	34	52	37	30	27	28	39	35	43	36	32	21	21								37	61	57	47	36	39	33	43	44		37.7
PEORIA WB AIRPORT	MAX	50	59	49	41	42	45	62	47	43	70	47	37	39	48	58	68	69	62	55	51	58	80	69	61	61	54	46	43	48	49		53.7
	MIN	36	38	36	33	29	24	35	32	34	40	33	25	20	25	29	35	44	43	37	32	31	42	48	47	37	35	33	32	38	41		34.8
PONTIAC	MAX	49	54	55	44	40	41	58	55	36	68	56	43	37	45	56	67	72	64	61	49	57	78	73	64	61	54	51	43	50	48		54.3
	MIN	35	30	39	33	29	26	32	31	29	32	33	28	20	25	27	35	47	44	42	32	29	37	54	46	42	34	33	30	37	40		34.4
QUINCY	MAX	55	72	62	40	40	53	72	62	49	71	59	46	43	52	62	74	64	68	59	52	65	85	85	84	67	59	55	47	49	56		60.2
	MIN	37	43	36	32	22	25	40	41	39	49	34	31	23	25	30	46	51	47	39	34	30	45	58	56	44	35	34	37	40	44		38.2
QUINCY CAA	MAX	52	67	47	41	43	49	68	53	50	69	49	41	42	49	60	71	61	67	58	54	62	83	83	79	49	56	52	45	49	55		56.8
	MIN	34	39	35	30	29	22	37	36	37	36	31	27	19	22	29	37	44	42	34	29	30	40	55	47	33	29	33	35	39	38		34.3
RANTOUL CHANUTE AF	MAX	48	55	54	42	38	43	56	45	39	70	45	35	35	45	56	66	66	63	55	48	57	77	67	72	62	56	48	49	50	50		53.1
	MIN	34	34	40	33	29	28	30	35	33	37	35	27	20	26	29	31	44	45	40	35	30	35	60	51	39	36	36	33	41	41		35.6
ROBERTS 3 N	MAX	48	53	54	44	39	42	56	51	38	69	62	41	35	44	55	66	70	64	54	49	56	73	74	66	61	55	50	44	48	54		53.8
	MIN	34	30	40	34	28	26	29	31	29	33	33	28	20	25	25	30	35	41	42	30	28	32	56	47	41	34	33	29	36	39		33.3
ROCKFORD	MAX	48	57	55	42	43	45	60	59	33	63	54	44	41	49	60	68	73	65	51	47	55	78	70	47	47	43	44	48				53.2
	MIN	35	26	35	32	25	18	33	26	28	22	34	27	18	22	26	34	50	46	38	31	28	32	44	42	41	34	30	28				31.6
ROCKFORD CAA	MAX	47	57	43	43	41	44	61	40	35	63	45	36	39	46	60	67	71	65	52	49	55	77	57	49	50	43	43	48	44	44		50.5
	MIN	27	25	32	31	25	20	30	25	28	33	31	19	19	23	28	30	49	45	37	29	25	29	38	41	35	33	30	28	36	35		30.5
RUSHVILLE	MAX	51	62	60	40	44	48	63	60	42	70	55	45	44	46	59	68	62	60	54	52	62	80	80	78	64	58	54	47	50	55		57.1
	MIN	38	37	38	33	32	27	35	36	35	38	35	30	19	24	29	36	36	32	36	31	32	41	54	53	45	35	34	36	41	44		35.7
SPARTA	MAX	54	59	72	69	45	49	60	63	74	73	69	51	40	50	57	70	64	73	67	58	69	83	85	81	70	72	67	63	60	59		64.2
	MIN	39	40	54	38	33	29	32	43	49	59	39	36	27	28	32	33	49	52	45	39	37	45	61	63	49	40	42	42	47	51		42.4
SPRINGFIELD WB AIRPORT	MAX	52	57	49	41	42	45	60	47	47	74	49	39	39	48	58	67	62	67	57	52	62	80	82	72	65	59	49	47	52	53		55.8
	MIN	35	42	38	33	32	27	37	37	37	40	33	28	23	23	27	37	45	45	36	32	30	41	59	56	39	34	34	35	42	42		36.8
SPRINGFIELD WB CITY	MAX	53	58	50	44	44	47	61	47	47	75	50	41	40	50	57	69	64	67	58	53	63	82	83	75	64	63	50	48	53	54		57.0
	MIN	37	42	36	35	33	29	36	38	38	43	36	29	24	30	34	40	49	47	42	38	39	44	60	57	44	38	37	37	44	43		39.4
STOCKTON	MAX	47	58	56	40	42	44	60	57	32	61	52	41	38	47	59	67	70	64	50	48	54	75	74	46	44	39	42	47	44	43		51.4
	MIN	32	26	32	31	29	16	33	25	29	32	32	25	14	20	28	37	50	45	32	28	26	29	45	37	32	30	29	28	32	36		30.7
SYCAMORE	MAX	50	55	50	41	40	43	60	37	33	65	51	38	39	44	58	66	65	63	51	47	58	77	68	48	50	46	42	47	40	44		50.5
	MIN	27	33	32	31	25	20	31	26	27	32	33	25	18	22	25	36	45	45	36	29	28	32	42	40	38	31	29	25	35	37		31.2

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
TABLE GROVE	MAX	52	64	58	41	44	50	66	55	42	74	53	42	40	49	59	71	64	63	57	52	62	81	82	73	60	51	48	43	47	51		56.5
	MIN	35	39	37	32	32	25	35	34	35	41	32	29	21	25	29	37	46	49	39	33	33	37	58	49	43	33	33	34	39	42		36.2
TUSCOLA	MAX	52	55	61	63	42	46	56	55	44	72	67	46	39	50	58	68	70	69	62	55	62	78	79	75	71	62	60	50	51	53		59.0
	MIN	35	35	47	36	31	25	30	34	35	41	33	31	22	23	25	31	41	48	44	31	27	37	60	56	47	34	36	35	43	43		36.5
URBANA	MAX	50	54	55	48	39	41	55	45	40	69	55	42	38	48	55	65	67	65	55	50	59	77	74	72	64	57	53	50	52	52		54.9
	MIN	35	34	46	36	31	27	31	36	33	39	36	30	21	26	28	34	44	45	44	36	31	40	80	53	45	36	30	35	43	42		37.1
VIRDEN	MAX	53	58	56	48	44	47	59	57	49	73	64	45	39	50	57	67	61	67	64	54	63	79	84	77	67	62	61	49	53	54		58.7
	MIN	34	37	40	35	32	25	33	40	38	47	34	30	22	25	27	34	44	47	42	31	29	41	58	57	46	33	35	36	44	43		37.3
WALNUT	MAX	49	61	57	43	43	48	63	56	36	67	53	45	44	48	59	68	62	65	50	53	58	79	77	55	53	48	46	43	47	47		54.1
	MIN	35	30	35	32	28	22	32	22	30	31	32	26	19	23	26	37	47	44	37	31	27	36	49	42	40	32	31	28	36	40		32.7
WATSEKA	MAX	49	53	53	44	39	41	55	52	40	70	65	42	34	43	56	66	72	64	60	50	57	76	70	66	60	57	50	47	48	51		54.3
	MIN	36	29	42	36	31	26	30	33	30	33	35	30	21	24	25	32	47	47	45	34	30	32	58	49	44	37	35	32	39	40		35.4
WAUKEGAN	MAX	47	51	49	44	39	37	58	48	34	63	53	38	32	39	52	65	64	67	52	44	54	76	65	45	52	45	41	43	40	41		49.3
	MIN	34	26	33	32	26	22	29	25	26	32	35	23	19	25	27	31	47	45	40	31	32	32	37	37	39	34	30	29	35	36		31.6
WHITE HALL 1 E	MAX	54	60	59	46	45	49	67	56	50	75	70	50	44	50	58	70	68	70	67	58	66	82	87	85	73	65	64	51	51	55		61.9
	MIN	36	37	44	34	32	27	35	41	40	48	34	31	23	26	27	34	43	47	41	33	29	43	58	59	46	31	36	36	44	44		38.0
WINDSOR	MAX	51	54	65	63	43	43	57	52	48	71	66	40	39	49	55	65	67	70	62	49	62	78	80	78	71	63	59	53	53	53		58.6
	MIN	35	33	50	33	30	24	30	41	35	43	35	30	20	22	25	31	42	49	43	34	32	39	59	56	47	36	35	35	43	43		37.0

Table 6

EVAPORATION AND WIND

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Springfield WB Airport	EVAP	.16	.30		*	.08	*	.26	.23	.14	.00	.29	.19	*	*	*	.58	.29	.11	.13	.20	.17	.19	.19	.21	.23	.17	.18	.13	.06	.11		4.76B
	WIND	219	133	171	236	157	173	136	180	142	130	295	155	255	123	72	50	135	103	132	121	57	97	160	200	123	167	153	114	68	90		4347

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Anna 1 NW	SNOWFALL					T																										
	SN ON GND																															
Antioch	SNOWFALL				T	T				T			T											T								
	SN ON GND				T					T																						
Aurora College	SNOWFALL									0.2			T																			
	SN ON GND									T																						
Bloomington Normal	SNOWFALL					0.2																		-								
	SN ON GND																							-								
Cairo WB City	SNOWFALL				T	T																										
	SN ON GND																															
Chicago WB Airport	SNOWFALL	T			T	0.6	T			0.2			T	T											T			0.2	T	T	T	
	SN ON GND									T																						
Decatur	SNOWFALL				T	T																										
	SN ON GND																															
Dixon	SNOWFALL									T																						
	SN ON GND																															
Effingham CAA AP	SNOWFALL					T								T																		
	SN ON GND																															
Galva	SNOWFALL					T																										
	SN ON GND					T																										
Golconda Dam 51	SNOWFALL						T																									
	SN ON GND																															
Greenville	SNOWFALL					T																										
	SN ON GND																															
Harrisburg	SNOWFALL					T								T																		
	SN ON GND					T								T																		
Henry	SNOWFALL																			T					T							
	SN ON GND																															
Joliet WB Airport	SNOWFALL				T	0.3				T			T	T						T							T	T	T			
	SN ON GND																															
Kankakee	SNOWFALL									T																						
	SN ON GND																															
La Harpe	SNOWFALL				T	T																										
	SN ON GND																															
Lincoln	SNOWFALL		T	-																												
	SN ON GND		T	-																												
Marengo	SNOWFALL				0.5	0.4				T										T												
	SN ON GND				T	T				T																						
Moline WB Airport	SNOWFALL			0.4	T	T							T							T			T	T				T			
	SN ON GND																															
Morrison	SNOWFALL		T	T	1.0								T							T								T			
	SN ON GND			T																									T			
Morrisonville 1 E	SNOWFALL					T																										
	SN ON GND																															
Ottawa	SNOWFALL				T	T				T			T							T								T	T			
	SN ON GND																															
Peoria WB Airport	SNOWFALL				T	T														T	T			T					T			
	SN ON GND																															
Pontiac	SNOWFALL					T							T																			
	SN ON GND																															
Quincy CAA AP	SNOWFALL			T	0.5	T							T	T																		
	SN ON GND																															
Rantoul Chanute AF	SNOWFALL					T							T																			
	SN ON GND																															
Roberts 3 N	SNOWFALL					T							T																			
	SN ON GND																															
Rockford CAA AP	SNOWFALL	T		2.5	0.1	T				T			T																T	T		
	SN ON GND																															
Sparta	SNOWFALL					T							T																			
	SN ON GND																															
Springfield WB Airport	SNOWFALL				T	T																							T			
	SN ON GND																															
Stockton	SNOWFALL			T	2.0					T			T																			
	SN ON GND			T	T					T			T																			
Sycamore	SNOWFALL				T																											
	SN ON GND																															
Table Grove	SNOWFALL					T														T	T											
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See reference notes following Station Index.

STATION INDEX

Station	Index No	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
ALBION	0055	EDWARDS	7	38 22	88 03	447		6P	MRS BESSIE V ELLEN	3
ALEDO	0072	MERCER	4	41 12	90 45	739	6P	6P	J W PARKINSON	2 3 [illegible]
ALEXIS WATER WORKS	0082	WARREN	2	41 03	90 34	694		MID	MUNICIPAL WTR WKS	3 4
ALTON DAM 26	0137	MADISON	4	38 53	90 11	432	MID	7A	CORPS OF ENGINEERS	2 3 5
ANNA [illegible] NW	0187	UNION	5	37 28	89 15	629	7P	7P	J BON HARTLINE	2 3 5 7
ANNAWAN	0195	HENRY	6	41 24	89 55	620		5P	ROBERT J PONT	3
ANTIOCH	0203	LAKE	1	42 29	88 06	770	7P	7P	ROY I KUFALK	2 3 5 7
AUGUSTA HIGH SCHOOL	0330	HANCOCK	1	40 14	90 57	680		MID	ARTHUR L EICKEN	3 4
AURORA COLLEGE	0338	KANE	1	41 45	88 20	744	7P	7P	PHY'S DEPT AURORA C	2 3 5 7
BARRY WATER WORK	0445	PIKE	4	39 41	91 03	640		5P	WM G MC NEAL	3
BEARDSTOWN	0492	CASS	1	40 01	90 26	444		7A	OTTO O SWOPE	3
BEARDSTOWN LA GRANGE DAM	0497	BROWN	1	39 56	90 32	434		MID	CORPS OF ENGINEERS	3 4
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2	38 32	89 51	444	MID	MID	US AIR FORCE	2 3 4 5 7
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	778		MID	EDGAR F BRUNS	3 4
BENTLEY	0598	HANCOCK	4	40 20	91 07	671		6P	ROY H GIBBONS	3
BENTON	0608	FRANKLIN	4	38 00	88 55	474		6P	BENTON WATER DEPT	3
BLOOMINGTON NORMAL	0766	MC LEAN	1	40 30	89 00	830	8P	4P	HARRY G JOHNSON	2 3 5 7
[illegible]	0781	SCOTT	1	39 45	90 33	467		6P	HUGH MOORE	3
[illegible] AA AP	0873	BUREAU	1	41 13	89 37	795		MID	U S CIVIL AERO ADM	3 4
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	335		6A	CORPS OF ENGINEERS	3
CAIRO WB CITY	1166	ALEXANDER	4	37 00	89 10	314	MID	MID	US WEATHER BUREAU	[illegible] 3 4 5 7
CAMP ELLIS	1230	FULTON	1	40 23	90 20	640		MID	POST ENGR WTR SUPT	3 4
CANTON	1250	FULTON	1	40 34	90 02	655		6P	FLOYD D HAMMOND	3
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 44	89 12	420	7P	7A	HAROLD U HILL	2 3 5 6
CARLINVILLE 4 E	1280	MACOUPIN	1	39 17	89 49	627	6P	6P	HENRY B HOELTING	2 3 5 7
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7P	7P	THOMAS A MURPHY	2 3 [illegible]
CARMI	1296	WHITE	7	38 05	88 10	399		8P	J A RICKENBACH	3
CARPENTER 1 SW	1304	MADISON	4	38 53	89 54	520		MID	US SOIL CON SERVICE	3 4
CASEY	1329	CLARK	7	39 18	88 00	648		6P	WALTER A NEWLIN	3
CENTRALIA 4 W	1386	MARION	2	38 31	89 12	494		6P	EDGAR V CAVANAUGH	3
CHANDLERVILLE	1412	CASS	1	40 03	90 09	464		6P	W D UPP	3
CHANNAHON DRESDEN IS	1420	GRUNDY	1	41 24	88 17	510		7A	CORPS OF ENGINEERS	3
CHARLESTON	1436	COLES	7	39 30	88 11	686	6P	6P	WILLIAM H DYKES	2 3 5
CHENOA	1475	MC LEAN	1	40 44	88 44	713		MID	MRS SUSAN P JEFFERS	3
CHESTER	1491	RANDOLPH	4	37 54	89 50	381		7A	ACKLAS H MARTIN	3
CHGO CAL TREATMENT WKS	1522	COOK	3	41 40	87 36	593		MID	CHGO SANITARY DIST	3 4
CHICAGO HEIGHTS	1527	COOK	3	41 30	87 38	634		7P	ALFRED J COOPER	2 3 5
CHGO LAKEVIEW PUMPING	1532	COOK	3	41 58	87 40	651		MID	CTY ENGR WTR PURI	3 4
CHGO LOYOLA UNIVERSITY	1537	COOK	3	42 00	87 40	592		MID	CHGO SANITARY DIST	3 4
CHGO MAYFAIR PUMPING ST	1542	COOK	3	41 58	87 45	647		MID	CTY ENGR WTR PURI	3 4
CHGO N BRNCH PUMP STA	1547	COOK	3	41 58	87 42	595		MID	CHGO SANITARY DIST	3 4
CHGO ROSELAND PUMPING	1552	COOK	3	41 42	87 38	659		MID	CTY ENGR WTR PURI	3 4
CHGO SAN DIST DISPATCH	1557	COOK	3	41 50	87 42	602		MID	CHGO SANITARY DIST	3 4
CHGO SAN DIST OFFICE	1562	COOK	3	41 52	87 38	898		MID	CHGO SANITARY DIST	3 4
CHGO S FILTER PLANT	1564	COOK	3	41 45	87 33			MID	CTY ENGR WTR PURI	3 4
CHGO SPRINGFLD PUMPING	1567	COOK	3	41 55	87 44	630		MID	CTY ENGR WTR PURI	3 4
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	MID	MID	UNIVERSITY OF CHGO	2 3 4 5
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 44	623	MID	MID	US WEATHER BUREAU	2 3 4 5 7
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	823	MID	MID	US WEATHER BUREAU	2 3 4 5
CHILLICOTHE	1627	PEORIA	1	40 55	89 29	490		6P	DAVID H DUGAN	[illegible]
CICERO	1648	COOK	3	41 51	87 46	608	7P	7P	GEORGE D LUKES	2 3 5
CISNE BROWN CAMP	1664	WAYNE	7	38 31	88 24			MID	PURE OIL COMPANY	3 4
CLINTON 1 S	1743	DE WITT	1	40 08	88 58	746		6P	C E CORRINGTON	3
COLLINSVILLE	1825	MADISON	4	38 40	89 59	500		MID	NORMA E EVANKO	3 4
COULTERVILLE	1944	RANDOLPH	4	38 11	89 36	590		MID	HARLEY L ISOM	3 4
CRETE	2011	WILL	3	41 27	87 38	675		MID	VILLAGE OF CRETE	3 4
DANVILLE	2140	VERMILION	7	40 08	87 38	602	7P	7P	E C HEWES	2 3 5 7
DANVILLE HOSPITAL	2143	VERMILION	7	40 08	87 39	575		MID	LAKEVIEW HOSPITAL	3 4
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 08	87 39	555		7A	BEN BURT	3
DECATUR	2193	MACON	1	39 51	88 57	682	7P	7P	W BURK COONRADT	2 3 5 7
DES PLAINES 1 NW	2286	COOK	1	42 03	87 55	704		4P	GEORGE A HONEMANN	[illegible]
DIONA	2330	COLES	7	39 22	88 08	660		MID	MAURICE L REED	3 4
DIXON	2348	LEE	6	41 50	89 29	696	6P	6P	PAUL T SHUCK	2 3 5 7
DOUGLAS	2397	KNOX	1	40 47	90 05	650		MID	WILLARD D STAGGS	3 4
DOWNS 2 NE	2417	MC LEAN	1	40 25	88 51	794		MID	ADA A DEVINE	3 4
DU QUOIN	2483	PERRY	4	38 01	89 14	468	6P	6P	G H KNETZGER	2 3 5
DWIGHT	2497	LIVINGSTON	1	41 06	88 25	641		6P	J FRANK ZIEGLER	3
DWIGHT ST REFORMATORY	2502	LIVINGSTON	1	41 05	88 28	641		MID	ST REF FOR WOMEN	3 4
EAST ST LOUIS	2614	ST CLAIR	4	38 37	90 07	413	7P	1A	UNION ELE OF ILL	2 [illegible] 5
EDWARDSVILLE	2679	MADISON	4	38 49	89 58	554		6P	ARTHUR W JAGGERS	3
EFFINGHAM CAA AP	2687	EFFINGHAM	7	39 09	88 32	612	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ELGIN	2736	KANE	1	42 02	88 17	729		7P	W O BECKNER	3
ELIZABETHTOWN	2750	HARDIN	5	37 27	88 18	357		5P	US FOREST RANGER	2 [illegible] 5
ELSAH	2800	JERSEY	4	38 57	90 22	429		5P	THE PRINCIPIA COLL	3
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625		MID	CHGO SANITARY DIST	3 4
FAIRBURY WATER WORKS	2923	LIVINGSTON	1	40 44	88 31	691		MID	DEPT OF WTR WORKS	3 4
FAIRFIELD	2931	WAYNE	7	38 23	88 22	451	6P	6P	H D WILLARD	2 3 5
FARMER CITY	2993	DE WITT	1	40 14	88 38	732		MID	ROY NEAL	3 4
FLORA	3109	CLAY	7	38 40	88 29	490	6P	6P	ESTALOY M MC DANNEL	2 3 5
FREEPORT	3257	STEPHENSON	6	42 18	89 37	762	7P	7P	JOHN SCHRODER	2 3 5
FREEPORT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	751		7A	SEWAGE TREATMENT PL	3 4
FULTON DAM 13	3290	WHITESIDE	4	41 54	90 09	592	5P	8A	CORPS OF ENGINEERS	2 3 4 5
GALATIA 1 W	3304	SALINE	5	37 51	88 37	410		MID	JOSEPHINE HARRIS	3 4
GALENA	3312	JO DAVIESS	4	42 25	90 26	603		6P	ORRIN A MERRIFIELD	[illegible]
GALESBURG	3320	KNOX	1	40 57	90 22	780	MID	5P	JAMES BARRETT	[illegible] 3 5
GALVA	3335	HENRY	1	41 10	90 02	849	6P	6P	ARTHUR E JOHNSON	2 3 5 7
GENESEO	3384	HENRY	6	41 27	90 09	639		6P	MRS M J BESSANT	3
GIBSON CITY	3413	FORD	1	40 28	88 23	753		6P	EDWARD P BERGSTROM	3
GLADSTONE DAM 18	3455	HENDERSON	4	40 50	91 04	538		8A	CORPS OF ENGINEERS	3
GLENDALE EXP FARM	3482	POPE	5	37 26	88 41	500		MID	US SOIL CONS SERV	3 4
GOLCONDA DAM 51	3522	POPE	5	37 22	88 29	354	MID	6A	CORPS OF ENGINEERS	2 3 4 5 7
GOLDEN	3530	ADAMS	1	40 06	91 01	725		6P	G W NETHERY	3
GRAFTON	3572	JERSEY	4	38 58	90 26	404		7A	JOHN A DE SHERLIA	3
GRAND CHAIN DAM 53	3580	PULASKI	5	37 12	89 03	380		6A	CORPS OF ENGINEERS	CLOSED
GRAND TOWER 2 N	3595	JACKSON	4	37 40	89 30	367		3P	JOHN A DICKSON	3
GREENFIELD	3666	GREENE	1	39 20	90 12	556		MID	FRED S PEWTER	3 4
GREENUP	3683	CUMBERLAND	7	39 15	88 10	554		4P	ETTELBRICK SHOE CO	3
GREENVILLE	3693	BOND	2	38 53	89 24	563	7P	7P	DEANE J MC ALISTER	2 3 5 7
GRIDLEY	3709	MC LEAN	1	40 45	88 53	752		6P	EZRA D STOLLER	3
GRIGGSVILLE	3717	PIKE	1	39 43	90 44	685	6P	6P	MRS ELLEN B HARVEY	2 3 5
HARDIN	3850	CALHOUN	1	39 09	90 37	700		6P	A B CAMPBELL	3
HARRISBURG	3879	SALINE	5	37 44	88 32	366	6P	6P	CLYDE PITTMAN	2 3 5 7
HARRISBURG DISPOSAL PL	3884	SALINE	5	37 44	88 31			6A	W HARRISON KIBLER	[illegible]
HAVANA	393[illegible]	MASON	1	40 18	90 03	451	7P	7P	L L LUTENFUER	2 3 5
HAVANA #2	3940	MASON	1	40 18	90 04	460		7A	EWALD R TRIMPE	3
HENRY	4017	MARSHALL	1	41 07	89 22	491	7P	7P	C HADDON PERDEW	2 3 5 7
HILLSBORO	4108	MONTGOMERY	2	39 09	89 29	626	6P	6P	H A CRESS JR	2 3 5
HOOPESTON	4198	VERMILION	7	40 28	87 40	717	6P	6P	CHARLES S FLEXMAN	2 3 4 5
HUDSON LK BLOOMINGTON	4269	MC LEAN	1	40 40	88 56	740		MID	ILL STATE WTR SUR	3 4
HUTSONVILLE	4312	CRAWFORD	7	39 07	87 40			MID	ED S DRY	3 4
HUTSONVILLE PWR PLANT	4317	CRAWFORD	7	39 06	87 40			7A	ILL PUBLIC SERV CO	3
ILLINOIS CITY DAM 16	4355	ROCK ISLAND	1	41 25	91 01	554		8A	CORPS OF ENGINEERS	3 4
JACKSONVILLE	4442	MORGAN	1	39 44	90 14	607	6P	6P	NORBURY SANATORIUM	2 3 5
JACKSONVILLE SEW PLANT	4447	MORGAN	1	39 44	90 14	575		MID	MUNICIPAL SEW TR	3 4
JERSEYVILLE	4489	JERSEY	1	39 07	90 20	635	6P	6P	EDWIN M PORTER	2 3 5
JOLIET BRANDON RD DAM	4530	WILL	1	41 30	88 06	543		7A	CORPS OF ENGINEERS	3
JOLIET WB AIRPORT	4535	WILL	1	41 30	88 10	584	MID	MID	US WEATHER BUREAU	2 3 4 5 7
KANKAKEE	4593	KANKAKEE	1	41 07	87 52	631	7P	7P	KANKAKEE WATER CO	2 3 5 7
KANKAKEE 4 NW	4598	KANKAKEE	1	41 08	87 56	620	6P	6P	M A DURAND	2 3 5
KANKAKEE SEWAGE PLANT	4603	KANKAKEE	1	41 08	87 53	642		MID	MUN SEW TREA PL	3 4
KEITHSBURG	4655	MERCER	4	41 06	90 57	540		8A	ALFRED M NORRIS	3
KEWANEE	4710	HENRY	1	41 14	89 55	853	6P	6P	CASSIUS C CONGER	2 3 5
KEWANEE BAKER FARM	[illegible]	HENRY	1	41 15	89 54	800		MID	BENNETT E ROSE	3 4
[illegible]	4729	PEORIA	1	40 47	89 45			9A	BEN HALL	3
LA HARPE 1 SW	482[illegible]	HANCOCK	1	40 35	90 58	691	6P	6P	KENT CAMPBELL	2 3 5 7
LANARK	487[illegible]	CARROLL	4	42 06	89 50	883		MID	WILLIAM E AURAND	3 4
LA SALLE	[illegible]	LA SALLE	1	41 20	89 06	522	7P	3P	WESTCLOX G T I CORP	2 3 5
[illegible]	4951	MARSHALL	1	40 58	89 38	828		MID	HENRY H LUKEHART	3 4
LAWRENCEVILLE	4959	LAWRENCE	7	38 44	87 41	472		6P	FRANK BRAY	3
LEROY	5036	MC LEAN	1	40 21	88 46	780		7P	O J LERE	3
LINCOLN	5079	LOGAN	1	40 09	89 22	591	7P	7P	JOHN ZURKAMMER JR	2 3 5 7
LINCOLN #2	5084	LOGAN	1	40 09	89 21	600		7A	GEORGE L SMITH	3
LOCKPORT LOCK AND DAM	513[illegible]	WILL	1	41 34	88 05	585		MID	CORPS OF ENGINEERS	3 4
LOCKPORT POWER HOUSE	5136	WILL	1	41 34	88 05	585		MID	CHGO SANITARY DIST	3 4
LOUISVILLE	5216	CLAY	7	38 46	88 30	480		MID	CARL E FARRELL	3 4
MACKINAW	5272	TAZEWELL	1	40 32	89 21	646		6P	T L HAENSEL	3
MACOMB	5280	MC DONOUGH	1	40 28	90 40	702		6P	W S NEWELL	3
MARENGO	5326	MC HENRY	6	42 15	88 36	819	6P	6P	FRANK J MACK	2 3 5 7
MARIETTA	5334	FULTON	1	40 30	90 24	546		MID	JOSEPH ACE MC CANCE	3 4
MARION	5342	WILLIAMSON	4	37 44	88 55	448		5P	C N DANIELSON	3
MAROA	5364	MACON	1	40 02	88 57	725		MID	NELSON R. SMITH	3 4
MARSEILLES LOCK	5372	LA SALLE	1	41 20	88 45	486		7A	CORPS OF ENGINEERS	3
MARSHALL	5380	CLARK	7	39 23	87 42	606		6P	ROY LAWSON	3
MASCOUTAH	5405	ST CLAIR	2	38 29	89 48	425		SS	DR ROBERT F LISCHER	3
MASON CITY	5413	MASON	1	40 12	89 42	581		MID	CHARLES E FLINSPACH	3 4
MATTOON	5430	COLES	7	39 28	88 21	718	MID	MID	CEN ILL PUB SERV CO	2 3 5
MC HENRY	5493	MC HENRY	1	42 21	88 16	750		MID	FRED C FELTZ	3 4
MC HENRY 2 S	5496	MC HENRY	1	42 19	88 15	742		6P	JOHN J BARNINGS	3
MC LEANSBORO	5515	HAMILTON	5	38 05	88 32	500	6P	6P	F G FRAZIER	2 3 5
MEDORA	5539	MACOUPIN	1	39 10	90 08	622		7P	M F DODGE	3
MINONK	5712	WOODFORD	1	40 54	89 02	751	7P	7P	CITY OF MINONK	2 3 5
MOLINE WB AIRPORT	5751	ROCK ISLAND	6	41 27	90 31	589	MID	MID	US WEATHER BUREAU	2 3 4 5 7
MONMOUTH AIRPORT	5768	WARREN	4	40 55	90 38	770	6P	6P	MARTIN AIRWAYS INC	2 3 5 7
MONTICELLO	5791	PIATT	1	40 02	88 34	659		4P	C H WHITTIG	3
MORRIS	5820	GRUNDY	1	41 21	88 26			7A	ROY WEBB	3
MORRIS 3 NE	5825	GRUNDY	1	41 24	88 22	549	6P	6P	DONALD M PYATT	2 3 5
MORRISON	5833	WHITESIDE	6	41 49	89 58	670	7P	7P	RALPH H GREEN	2 3 5
MORRISONVILLE	5841	CHRISTIAN	1	39 25	89 27	638		MID	FRANK A LOWIS	3 4
MORRISONVILLE 1 E	5846	CHRISTIAN	1	39 25	89 26	638	7P	7P	JOHN R LOWIS	2 3 5 7
MOUNT CARMEL	5888	WABASH	7	38 25	87 46	465	6P	7A	FRANK D TALLEY	2 3 5 7
MOUNT CARMEL WATER WKS	5893	WABASH	7	38 25	87 45	424		MID	MT CARMEL WTR WKS	3 4
MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	7P	JAMES F MC CRAY	2 3 5
MOUNT OLIVE	5917	MACOUPIN	4	39 04	89 43	681		6P	HENRY W JOHNSON	3
MOUNT PULASKI	5927	LOGAN	1	40 00	89 17	687		5P	ALVA BROWN	3
MOUNT STERLING	5935	BROWN	1	39 59	90 46	711		7P	F E SAHLAND	3
MOUNT VERNON	5943	JEFFERSON	4	38 19	88 54	463	7P	7P	LAWRENCE COLLINS	2 3 5 7
MURPHYSBORO WATER WKS	5983	JACKSON	4	37 46	89 19	420		MID	MURPHYSBORO WTR CO	3 4
NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 25	505		6P	R E SCHLEIFER	3
NEWARK 7 E	6069	KENDALL	1	41 32	88 27	707		6P	WARREN S GRAY	3
NEW BOSTON DAM 17	6080	MERCER	4	41 11	91 03	548		8A	CORPS OF ENGINEERS	3
NEW BOSTON 2 NW	6085	MERCER	4	41 11	91 01			7A	MORRIS W BLAIR	3
NEW BURNSIDE	6093	JOHNSON	5	37 35	88 46	560	7P	7P	MISS MAE MC CABE	2 3 5
NEWTON	6159	JASPER	7	39 00	88 10	513	6P	6P	C L BATMAN	2 3 4 5
OLNEY RADIO STATION	6446	RICHLAND	7	38 42	88 04	472	5P	5P	RADIO STATION WVLM	2 3 5 7
OREGON WATER WORKS	6492	OGLE	6	42 01	89 20	700		6P	GLENN S EDELMAN	3
OTTAWA	6526	LA SALLE	1	41 22	88 50	474	7P	7P	JOHN A BEED	2 3 5 7
PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	7P	H M GADDIS	2 3 5
PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7P	C E SCHUMACHER	2 3 5
PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	735		MID	CITY OF PARIS	3 4
PARIS WATER WORKS	6610	EDGAR	7	39 38	87 42	739	7P	7P	CITY OF PARIS	2 3 5
PAW PAW	6661	LEE	1	41 41	88 59	928		5P	W A WOODS	3
PAYSON	6670	ADAMS	4	39 49	91 14	640		6A	EDITH A ROBBINS	3
PEORIA LOCK AND DAM	6706	PEORIA	1	40 37	89 39	445		MID	CORPS OF ENGINEERS	3 4
PEORIA WB AIRPORT	6711	PEORIA	1	40 40	89 41	654	MID	MID	US WEATHER BUREAU	2 3 4 5 7
PEOTONE	6725	WILL	1	41 20	87 48	722		2P	MISS MINA CUTI	3
PERU	6751	LA SALLE	1	41 20	89 08			7A	JOSEPH S SIKOW	3
PETERSBURG	6760	MENARD	1	40 01	89 51	524		4P	FRANK B RAINEY	3
PIPER CITY	6819	FORD	1	40 45	88 11	670		MID	ISAAC B GRIFFITH	3 4
PITTSFIELD WATER WORKS	6833	PIKE	4	39 39	90 48	724		MID	RAYMOND T LOYD	3 4
PLEASANT HILL 2 E	6861	PIKE	4	39 27	90 50	540		6P	LOU GALLOWAY	3
PONTIAC	6910	LIVINGSTON	1	40 53	88 37	647	6P	6P	ROGER WILLIAMS	2 3 5 7
PRAIRIE DU ROCHER	6973	RANDOLPH	4	38 05	90 06	390		MID	LEWIS TEBEAU	3 4
PRINCETON 1 S	6996	BUREAU	1	41 21	89 28	700		MID	MILES W BRYANT	3 4
PRINCEVILLE 2 NW	7004	PEORIA	1	40 57	89 47	745		6P	FRANK S STEWART	3
PROPHETSTOWN	7014	WHITESIDE	6	41 40	89 56	625		MID	ILL NORTHERN UT CO	3 4
QUINCY	7067	ADAMS	4	39 57	91 24	601	7P	7P	A H GIBSON	2 3 5
QUINCY CAA AP	7072	ADAMS	4	39 56	91 11	670	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
QUINCY DAM 21	7077	ADAMS	4	39 54	91 26	483		8A	CORPS OF ENGINEERS	3 4
QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 24			7A	MELVIN BRINKDETTER	3
RANTOUL CHANUTE AF BSE	7150	CHAMPAIGN	7	40 18	88 09	744	MID	MID	US AIR FORCE	2 3 4 5 7
RED BUD	7157	RANDOLPH	2	38 13	90 00	444		5P	DR H L LE SAULNER	3
RICHVIEW	7244	WASHINGTON	2	38 22	89 11	544		MID	MRS MABEL F MARTIN	3 4
ROBERTS 3 N	7336	FORD	7	40 40	88 11	786	7P	7P	R E BRADBURY	2 3 5 7
ROCHELLE	7349	OGLE	6	41 55	89 04	798		3P	CALIFORNIA PKG CORP	3
ROCKFORD	7375	WINNEBAGO	6	42 15	89 05	720	6P	6P	F W KNOWLTON	2 3 5
ROCKFORD CAA AP	7380	WINNEBAGO	6	42 21	89 03	743	MID	MID	U S CIVIL AERO ADM	2 3 4 5 7
ROCK ISLAND DAM 15	7388	ROCK ISLAND	4	41 31	90 34	568		8A	CORPS OF ENGINEERS	3
ROCKPORT	7400	PIKE	4	39 32	91 00	470		6P	HARRY WILLIAMS	3
RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	683	6P	6P	GAIN BROS GREENHSE	2 3 5
STE MARIE	7603	JASPER	7	38 56	88 01	448		7A	JUDSON E CAMERON	3
SALEM	7636	MARION	2	38 37	88 57	544		5P	FRANK G BROWN	3
SHAWNEETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 10	350		6A	JAKE H STEWART	3
SIDELL	7952	VERMILION	7	39 55	87 49			7A	GARY LANE	3
SKOKIE N S TREAT WORKS	7990	COOK	3	42 01	87 43	600		MID	CHGO SANITARY DIST	3 4
SPARTA	8174	RANDOLPH	4	38 08	89 42	538	6P	6P	HOWE V MORGAN	2 3 5 7
SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID	MID	US WEATHER BUREAU	2 3 4 5 6 7
SPRINGFIELD WB CITY	8184	SANGAMON	1	39 48	89 39	598	MID	MID	US WEATHER BUREAU	2 3 4 5
STICKNEY W S TREAT WKS	8278	COOK	1	41 49	87 46	636		MID	CHGO SANITARY DIST	3 4
STOCKTON	8293	JO DAVIESS	4	42 21	90 00	1000	5P	5P	E A CURTISS	2 3 5 7
STREATOR	8353	LA SALLE	1	41 07	88 50	625		7P	H W PRAFCKE	3
SULLIVAN WATER WORKS	8389	MOULTRIE	2	39 34	88 37	686		MID	A B FULTZ	3 4
SYCAMORE	8452	DE KALB	6	41 59	88 41	840	8P	8P	FRANK C DEAN	2 3 5 7
TABLE GROVE	8460	FULTON	1	40 22	90 26	734	7P	7P	C A HAMMOND	2 3 5 7
TAYLORVILLE	8491	CHRISTIAN	1	39 33	89 18	634		6P	JOHN W COALE	3
TISKILWA	8604	BUREAU	1	41 18	89 30	512		6P	ORVILLE L WEAVER	3
TOULON	8630	STARK	1	41 06	89 52	752		5P	ERNEST R ROBSON	3
TUSCOLA	8684	DOUGLAS	7	39 48	88 17	653	6P	6P	PERRY STACKHOUSE	2 3 5 7
URBANA	8740	CHAMPAIGN	7	40 08	88 13	743	7P	7P	STATE WATER SURVEY	2 3 5
URBANA EXP FARM	8745	CHAMPAIGN	7	40 06	88 15			MID	US SOIL CONS SERV	3 4
URBANA WATER WORKS	8750	CHAMPAIGN	7	40 07	88 13				T R DYER	CLOSED
UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	464		7A	CORPS OF ENGINEERS	3
VANDALIA	8781	FAYETTE	2	38 58	89 07	503		9A	ALBERT BOAZ	3 4
VIRDEN	8860	MACOUPIN	1	39 30	89 46	674	6P	6P	E M WATKINS	2 3 5
WALNUT	8916	BUREAU	6	41 23	89 35	714	6P	6P	CARL F NELICK	2 3 5
WARSAW	8976	HANCOCK	4	40 21	91 26	490		5P	CHARLES EWING	3
WASHINGTON	8990	TAZEWELL	1	40 42	89 25	740		MID	MRS J J LANGLEY	3 4
WATERLOO	9002	MONROE	4	38 20	90 09	717		4P	E H WOLF	3
WATERMAN	9010	DE KALB	1	41 46	88 46	779		MID	WM RAY CLARKE	3 4
WATSEKA	9021	IROQUOIS	1	40 46	87 44	634	7P	7P	BENJAMIN JORDAN	2 3 5
WAUKEGAN	9029	LAKE	3	42 21	87 51	668	7P	7P	R W FLAGG	2 3 5
WAYNE CITY	9040	WAYNE	7	38 21	98 35	385		7A	PAUL F NICHOLS	3
WENONA	9090	MARSHALL	1	41 03	89 03	700		MID	LEONARD H FOLEY	3 4
WEST FRANKFORT 8 E	9140	FRANKLIN	4	37 52	89 48	480		MID	ILL STATE WTR SURV	3 4
WHEATON COLLEGE	9221	DU PAGE	1	41 52	88 06	753		6P	WHEATON COLLEGE	3
WHITE HALL 1 E	9241	GREENE	1	39 26	90 23	578	5P	5P	OSCAR WATT	2 3 5 7
WILCOX	9274	CLAY	7	38 38	88 18			7A	E LOWELL ROUTT	3
WINDSOR	9354	SHELBY	2	39 26	88 36	685	6P	6P	MRS HERBERT ROSE	2 3 5

NEW STATIONS

Station	Index No	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
BLOOMINGTON	0761	MC LEAN	1	40 30	89 01			7A	C C WILLIAMS	3
OREGON	6490	OGLE	6	42 01	89 20	700		MID	GEORGE J LONG	3
URBANA ENGR. CAMPUS	8750	CHAMPAIGN	7	40 06	88 14	730		7A	STATE WATER SURVEY	3 6

‡ DRAINAGE CODE 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the postoffice. Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin. Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown. Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time. Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830.

-	No record in Tables 3, 4, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
Z	Hourly amounts from a recording gage at the same site may be found in Table 4.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo., -- 6-20-50 -- 1200

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CLIMATOLOGICAL DATA

ILLINOIS

MAY 1950
Volume LV No. 5

KANSAS CITY: 1950

ILLINOIS - MAY, 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

May was somewhat warmer and, except in the extreme south, much drier than normal. Precipitation was lighter than in any May since 1934 in the northern division, and since 1939 in the central portion. Several northeastern localities received less than an inch of rain during the month. The State's temperature averaged 64.5°, or 1.8° above normal, and monthly means ranged from 55.7° at Waukegan to 70.4° at Cairo. On the 5th strong winds caused considerable property damage, especially in northwestern Illinois.

The month opened with unseasonably low temperatures, continuing a cool spell which began in the last week of April. Temperatures dropped to near the freezing point in the northern half of the State on the morning of the 1st, and in the extreme north again on the 2d. The lowest temperature of the month, 30°, was registered at Stockton on the 1st and also at Marengo on the 2d. Temperatures began to rise on the 2d, and the following 4 days were quite warm, with maximum readings commonly reaching the 80's on the 4th and 5th. Except in the extreme south, no rainfall of consequence occurred until the 4th.

The southernmost counties had showers on the 7th, but the next general rainfall took place on the 8-9th in the north and central, and from the 9th to the 12th in the southern third of the State. Precipitation amounts were moderate except in the extreme south, where many stations recorded well over 2 inches of rain. Temperatures dropped below normal on the 7th, rose again on the 9th, and were well above seasonal from the 13th through the 15th, except in the southern third of Illinois.

Light to moderate showers occurred in most areas on the 16-17th, 19th, and 21-22d. On the afternoon of the 21st hailstorms hit several southern localities, damaging fruit orchards, and causing minor property losses. Lightning killed a Williamson County man on the 21st. After the 16th temperatures were above normal on most days through the 25th. In nearly all areas the highest temperatures of the month were observed on the 24th, when 90° readings were common. A maximum of 96°, the highest during May, was recorded on the 24th at Ottawa.

Frequent showers fell between the 25th and 30th, especially in the southern half of the State, where many localities received heavy precipitation during this period. Two homes were damaged by lightning at Edwardsville on the 30th. Cool conditions prevailed in all but the extreme south between the 26th and 28th, while most sections had seasonable temperatures on the last 3 days of the month.

Crop prospects improved during the month but were still somewhat below normal. Sowing of oats was completed near the middle of May, having been delayed by April's wet weather. About 80 per cent of the corn crop and 60 per cent of the soybeans had been planted by the end of the month. Hay and pastures were slow in getting started but improved considerably during the month.

WINDSTORM OF MAY 5

An intense cyclonic disturbance passed through northwestern Iowa on the 5th, causing extremely high winds over a radius of several hundred miles. South to southwesterly winds reached sustained velocities of 60 miles per hour or better at some central and northern Illinois localities, and gusts to 80 miles per hour were reported. Wind damage was widespread but mostly minor, except in some northern and western sections. The Moline-Rock Island area was hard-hit, extensive damage being reported to roofs, trees, and wires. The antenna tower of a Jacksonville radio station was blown down, and a bridge was damaged at Beardstown. Blowing dust made driving hazardous in northern sections and caused a traffic accident near Rockford in which two persons were killed. Little crop damage was reported. Illinois property losses in this storm were estimated at about $500,000.--GRJ

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rain fall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	01-09	10-49	50-99	1.00-1.99	2.00 and over	Total			
Cairo WB City	-	-	7.7	36	NW	29	-	-	-	-	[illegible]	2	6	3	2	[illegible]	19	60	7.6	32
Chicago WB Airport	NNE	11	10.0	54	S	5	[illegible]	71	46	51	7	4	[illegible]	0	0	0	13	74	6.6	174
Joliet WB Airport	NE	11	11.1	-	-	-	78	79	53	57	4	3	3	1	0	0	11	-	6.5	179
Moline WB Airport	E	17	11.1	65	SW	5	70	75	53	51	2	3	2	2	1	[illegible]	10	61	6.3	129
Peoria WB Airport	ENE	14	11.0	61	SW	5	71	75	51	50	9	3	0	2	[illegible]	0	14	67	6.6	97
Springfield WB Airport	S	12	11.0	57	SW	5	75	79	51	52	5	7	5	0	0	0	17	61	6.9	75

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	60.2	[illegible]	28	3.85	0.0	10	1915	60.1	97	28	7.02	T	15	1940	60.0	92	27	3.28	0.1	11
1891	59.3	93	28	2.21	0.0	6	1916	63.8	95	29	4.68	T	12	1941	67.0	99	30	3.09	0.0	7
1892	59.2	90	34	8.15	0.0	18	1917	56.8	92	27	4.19	T	11	1942	62.9	96	33	4.20	T	11
1893	59.4	95	25	4.37	0.0	9	1918	67.3	95	26	5.18	T	11	1943	61.6	95	26	8.75	T	15
1894	62.0	95	30	3.32	0.0	10	1919	60.0	96	33	5.22	T	14	1944	67.8	96	27	4.20	T	13
1895	63.6	100	24	2.23	0.0	8	1920	61.5	91	28	4.93	0.0	9	1945	58.2	93	24	5.24	T	14
1896	69.7	98	41	5.98	0.0	11	1921	65.4	96	29	2.08	T	7	1946	59.9	87	31	6.09	T	16
1897	59.5	90	27	2.00	T	7	1922	66.6	91	36	3.60	0.0	12	1947	59.4	[illegible]	26	4.32	T	14
1898	62.6	93	30	5.86	0.0	14	1923	61.1	[illegible]	26	4.31	0.1	11	1948	60.9	90	28	3.78	0.0	9
1899	64.3	93	33	6.03	0.0	13	1924	57.0	91	28	3.50	T	13	1949	65.1	96	30	2.77	T	10
1900	64.7	[illegible]	25	4.13	0.0	11	1925	59.5	103	25	1.37	T	5	1950	64.5	96	24	2.57	T	9
1901	61.6	[illegible]	29	1.93	0.0	8	1926	65.0	98	27	2.25	T	[illegible]							
1902	67.4	97	32	4.00	0.0	11	1927	61.4	92	32	6.99	T	15							
1903	65.3	93	24	3.10	0.0	10	1928	63.4	96	27	2.58	0.0	10							
1904	62.4	93	27	3.41	0.0	11	1929	60.2	95	27	5.91	0.5	13	Period	62.7			4.10	T	
1905	63.4	94	33	4.42	T	10	1930	64.3	92	30	1.82	0.0	9							
1906	64.2	95	26	2.70	T	8	1931	59.6	94	28	4.28	T	11							
1907	56.9	92	22	4.01	0.2	11	1932	64.3	96	[illegible]	2.35	0.0	[illegible]							
1908	63.6	95	23	7.83	T	15	1933	64.6	93	32	8.04	T	17							
1909	60.5	93	25	4.09	T	10	1934	68.2	107	28	1.03	0.0	4							
1910	58.1	[illegible]	[illegible]	5.06	T	11	1935	57.9	89	27	7.95	0.1	15							
1911	68.4	101	24	1.91	T	[illegible]	1936	67.4	95	31	2.07	0.0	[illegible]							
1912	65.2	94	31	3.83	0.0	10	1937	63.8	96	30	3.23	T	10							
1913	63.4	99	28	2.90	0.0	8	1938	63.0	92	25	5.14	T	13							
1914	65.4	97	29	2.30	0.0	7	1939	66.2	95	27	2.43	0.0	8							

CLIMATOLOGICAL DATA

Table 2

Station	Temperature								Precipitation								
							No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
Aledo	63.2	1.5	90	[illegible]	32	1	1	1	2.72	-1.50	1.00	9	T	[illegible]		4	3	1
Antioch	57.7	.1	[illegible]	24	32	2	0	1	1.06	-2.61	.44	22	.0	0		[illegible]	2	0
Aurora College	60.2	1.2	90	24	34	1+	1	0	.74	-3.16	.22	[illegible]	.0	0		9	0	0
Chicago Heights	60.2 M		93	24	33	1	2	0					.0	[illegible]				[illegible]
Chicago University	58.1	.6	92	24	39	1	1	0	1.50	-2.04	.69	25				7	2	0
Chicago WB Airport	60.5	2.7	93	24	37	1+	2	0	.78	-2.72	.32	25	.0	0		6	1	0
Chicago WB City	58.7	.2	92	24	41	1+	1	0	1.10	-2.40	.50	22				7	1	0
Cicero	61.4	1.3	93	24	35	1	1	0	.68	-2.88	.24	25	.0	0		5	0	0
Dixon	62.0	1.6	91	[illegible]	31	1	1	1	1.01	-2.99	.47	9	.0	0		7	1	0
Freeport	59.8	.9	89	24	32	1+	0	2	2.43	-1.24	.75	30	T	0		10	4	[illegible]
Fulton Dam 13	60.5	.8	85	24	34	1	[illegible]	0	1.23	-2.78	.62	9	.0	0		[illegible]	1	0
Galesburg	63.5		90	24	34	1	1	[illegible]	1.43	-2.70	.70	9	T	T	25	5	3	0
Galva	62.8	1.6	90	24	33	1	1	0	1.75	-2.44	.67	9	.0	0		6	3	0
Henry	63.4	1.4	91	25	32	1	1	1	.88	-3.02	.56	22	.0	0		3	1	[illegible]
Joliet WB Airport	60.0	1.4	93	24	33	1	1	0	1.57	-2.17	.92	25	T	0		7	2	0

See reference notes following Station Index.

Station	Temperature						No. of days		Precipitation				Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
Kankakee	61.6	1.1	90	24	36	1	1	0	2.21	-1.83	1.25	25	T	0		9	3	1
Kankakee 4 W	60.7		90	24+	34	1	2	0	1.35	-2.59	.53	25	.0	0		7	3	0
Kewanee	62.0	.6	87	23	33	1	0	0	1.12	-3.05	.47	9	.0	0		5	1	0
La Salle	64.2	2.3	94	24	35	1+	1	0	.98	-2.62	.41	9	.0	0		4	2	0
Marengo	59.5	1.4	91	24	30	2	1	1	1.13	-2.39	.34	22	.0	0		7	2	0
Minonk	63.3	2.0	92	24	34	1	2	0	1.22	-2.55	.50	9	.0	0		5	2	0
Moline WB Airport //	62.0	1.7	90	24	34	1	1	0	3.01	- .93	1.10	4	T	0		8	3	1
Monmouth Airport	62.5	.6	90	24	31	1	1	1	1.76	-2.26	.88	9	T	0		5	2	0
Morris 3 NE	62.0	1.3	90	24	33	2	1	0	1.71	-1.88	.95	22	.0	0		6	2	0
Morrison	62.2	1.6	91	24	31	1	1	1	1.46	-2.75	.66	9	T	T	5	8	2	0
Mount Carroll	60.9	1.5	88	24	31	1	0	1	1.67	-2.36	.31	25	.0	0		11	3	0
Ottawa	63.7	2.0	96	24	35	1	1	0	1.16	-2.78	.37	21	.0	0		4	3	0
Pontiac	62.9	.4	90	24	36	1	1	0	1.67	-2.14	.69	4	.0	0		6	3	0
Rockford	61.4	1.8	91	24	32	1	1	1	1.29	-2.60	.62	9	.0	0		6	2	0
Rockford CAA AP	59.5	2.4	90	24	33	1	1	0	1.23	-2.57	.47	9	.0	0		8	1	0
Stockton	58.7		86	24	30	1	0	2	2.44	-1.40	.70	9	.0	0		14	3	0
Sycamore	59.9	1.1	91	24	32	1	1	1					.0	0				0
Walnut	63.3	1.7	92	24	31	1	1	1	1.46	-2.58	.63	9	.0	0		4	2	0
Waukegan	55.7	0.0	91	24	31	2	1	1	1.11	-2.40	.61	22	.0	0		6	1	0
Wheaton College	62.3		93	24	35	3	2	0	1.09	-2.68	.48	25	.0	0		4	2	0
DIVISION	61.1	1.3							1.45	-2.49			T					
CENTRAL DIVISION																		
Bloomington Normal	64.9	2.3	93	24	35	1	3	0	1.38	-2.78	.82	9	T	T	4	5	2	0
Carlinville 4 E	64.5	.6	90	24	36	1	1	0	1.67	-2.46	.43	27	.0	0		9	3	0
Charleston M	66.8	3.1	90	24+	42	1	2	0					.0	0				0
Danville	64.3	3.0	92	25	41	1	2	0	3.39	- .42	1.00	28	T	0		10	5	1
Decatur	65.9	2.5	93	24	40	1	3	0	1.77	-2.36	.67	29	.0	0		12	5	0
Effingham CAA AP //	64.5	2.2	87	24+	40	1	0	0	2.38	-1.85	.50	21	.0	0		10	5	0
Griggsville	65.0	.9	91	23+	35	1	3	0	2.51	-1.78	.48	25+	.0	0		9	4	0
Havana M	65.2	1.7	92	24	35	1	2	0	1.48	-2.34	.93	9	.0	0		10	1	0
Hillsboro	65.7	1.6	90	24	38	1	1	0	2.16	-2.08	.58	10	.0	0		12	4	0
Hoopeston	63.1	1.1	90	24+	34	2	2	0	2.95	- .98	.90	22	.0	0		6	5	0
Jacksonville	66.0	2.8	93	24	35	1	2	0	2.50	-1.67	.64	29	.0	0		11	4	0
Jerseyville	67.3	2.9	92	24	37	1	2	0	2.37	-1.69	.80	30	.0	0		8	3	0
La Harpe	64.4	2.1	89	24	32	1	0	1	2.70	-1.69	.86	19	T	0		11	3	0
Lincoln	65.7	2.7	93	24	37	1	3	0	2.03	-2.25	1.08	5	T	T	21	5	3	1
Mattoon	64.6		89	24+	40	1	0	0	3.61	- .69	.92	21	T	T	21	13	5	0
Morrisonville 1 E	64.2	1.3	89	24	38	1	0	0	1.71	-2.20	.57	27	.0	0		10	3	0
Newton	66.5	3.3	91	24	42	1	3	0	3.70	- .39	1.23	28	.0	0		9	4	2
Palestine	66.1	1.3	90	25	47	1+	1	0	3.45	- .69	1.09	10	.0	0		11	4	2
Pana	66.8	3.2	93	25	41	1	3	0	2.18	-1.85	.66	27	T	T	21	11	5	0
Paris Water Works	65.6	2.5	90	24+	41	16	3	0	1.57	-2.39	.40	22	.0	0		8	4	0
Peoria WB Airport	63.6	2.8	92	24	34	1	1	0	1.45	-2.61	.69	9	T	0		5	2	0
Quincy	66.7	2.6	93	24	36	1	3	0	3.09	-1.22	.77	19	.0	0		13	5	0
Quincy CAA AP	63.9		89	24	34	1	0	0	2.07	-2.25	.48	21	.0	0		10	4	0
Rantoul Chanute AF Base //	63.5		91	24	40	1	1	0	2.63	-1.12	.55	29	.0	0		8	6	0
Roberts 3 N	62.3	1.3	90	24+	36	1	2	0	1.51	-2.29	.41	9	.0	0		7	2	0
Rushville	64.9	1.5	89	24	36	1	0	0	1.57	-2.67	.83	8	.0	0		7	1	0
Springfield WB Airport //	64.8	4.3	91	24	39	1	2	0	1.75	-2.63	.44	9	.0	0		12	3	0
Springfield WB City	66.9	3.7	94	24	41	1	3	0	1.20	-3.18	.26	9	.0	0		12	1	0
Table Grove	64.3	1.5	91	24	34	1	2	0	1.79	-2.21	.90	9	T	T	21	6	3	0
Tuscola	65.4		92	25	37	1	3	0	1.97	-2.12	.40	29	.0	0		13	3	0
Urbana	64.7	3.1	91	24	41	1	2	0	1.80	-2.03	.40	21	.0	0		7	4	0
Virden	65.4		89	24	37	1	0	0	2.02	-1.97	.45	8+	.0	0		10	3	0
Watseka	62.9		91	24	39	1	2	0	2.80	-1.49	1.23	25	T	T	25	11	4	1
White Hall 1 E	66.1	2.3	92	24	35	1	2	0	2.60	-1.48	.58	29	.0	0		10	6	0
Windsor	64.9	1.9	90	25	39	1	1	0	4.05	- .42	2.08	29	T	T	4	13	3	1
DIVISION	65.1	2.3							2.29	-1.88			T					
SOUTHERN DIVISION																		
Alton Dam 26	66.3		92	24	38	1	3	0	2.94	-1.23	.95	27	.0	0		9	4	0
Anna 1 NW	67.3	.9	89	26	45	1	0	0	4.57	.31	1.36	10	T	T	21	14		1
Belleville Scott AF Base //	66.6		89	23+	43	1	0	0	3.14	-1.09	.89	9	.0	0		8	4	0
Cairo WB City	70.4	1.0	91	23	49	1	1	0	6.84	3.13	1.33	11	.0	0		13	10	2
Carbondale Sewage Plant	67.7	1.0	89	24+	47	1+	0	0	5.18	.83	2.83	9	T	0		11	4	1
Carlyle	67.2	2.4	91	24	44	1	2	0	3.49	- .57	1.60	10	.0	0		7	3	1
Du Quoin M	67.5	1.3	89	24	46	1	0	0	4.22	.45	2.10	10	T	0		10	3	1
East Saint Louis	68.3	1.6	93	23	41	1	2	0	4.62	.42	1.28	9	.0	0		8	5	3
Elizabethtown	68.6		89	24	47	1	0	0	4.82	.96	.95	10	.0	0		13	6	0
Fairfield	67.8	2.2	90	24+	45	1	3	0	3.76	- .27	1.69	10	.0	0		9	4	1
Flora	68.1	3.4	90	24+			2						.0	0				
Golconda Dam 51	68.8	2.8	92	5	46	1+	1	0	4.89	1.05	1.25	12	.0	0		13	9	1
Greenville M	65.4	.6	87	23+	41	1	0	0	2.62	-1.41	.68	27	.0	0		12	4	0
Harrisburg	68.0	.9	91	24	47	1+	1	0	7.85	4.03	2.87	10	T	T	21	13	7	3
McLeansboro	68.1	2.3	89	24+	46	1+	0	0	4.90	1.20	2.25	10	T			7	6	1
Mount Carmel	67.5	1.5	90	23+	36	3	3	0	4.08	.21	1.90	10	.0	0		10	4	1
Mount Vernon	68.2	2.6	91	24	46	1	2	0	4.94	.81	1.42	10	.0	0		6	5	3
New Burnside	66.5	.7	87	24+	45	1	0	0	8.35	4.31	2.16	10	T	T	17+	15	8	3
Olney Radio Station	67.4	2.5	88	24	44	13	0	0	2.42	-1.65	1.38	10	.0	0		8	3	1
Sparta	67.6	1.7	90	23+	43	1	2	0	3.58	- .53	1.89	10	T	0		10	3	1
DIVISION	67.7	1.7							4.59	.41			T					
STATE	64.5	1.8							2.57	-1.53			T					

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

ILLINOIS
MAY 1950

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
		Day of month																															
Albion			T	T						.10	1.88	.12	.07			.16		T		.03		.43								.14		5.46
Aledo					.82	T			T	1.00					T		.01			T	T	.89				T			.54	1.91	.08	T		2.72
Alexis Water Wks	R				.37					.65										.08	.02	.59	.01			.09					.12		1.93
Alton Dam 26			.01	T						.04	.59	.06	.05			T		T			.29		.11					.95	T		.84	T	2.94
Anna 1 NW		.35	.05		T			*	*	1.15	1.36	.36	.48							.15		.14						.28	.07	.05	.13		4.57
Annawan					.35					.80							.04					.30				T						.50	1.99
Antioch					.11	T				.29													.44			.22				T			1.06
Augusta High Sch	R									.75							.27			.15		.60				.10	.08						1.95
Aurora College					.18				T	.22	.03			.05			.03					.01	.02			T		T	.01		.19		.74
Barry Water Wks									.18	.24		T						.19		.19	.37		.03			.18	.05	.09		.42	.23		2.17
Beardstown										.33	.04		T					.16			.08	.07	.19				.17	.02	T	.15	.15		1.36
Beardstown Lgrng Dam	R								.43	.02	.05							.04		.09		.16				.05	.06		.05	.28			1.23
Belleville Scott AF	Z //				T				.02	.89	.32	.23			.01					.24						T	.75	T		.68			3.14
Belvidere Sewage Pl	R				.10				.02	.35												.04	.20			.19							.90
Bentley					T	T			.02	.60								.20		.23	.46	.51				.07	.18	.03	.06	.13	.06		2.55
Benton										.20	2.00	.20	.20									.35						.55	.05	.07	.45		4.07
Bloomington Normal					.36					.82												.10	.09			.01							1.38
Bluffs									.12	.43			T					.15		.19		.40	.01			.17		12	.04	.46	.22		2.31
Bradford CAA AP	6			T	.08	T				.52							.04		T			.01	T			.02	T	T					.67
Brookport Dam 52			.40	.50			.08	1.03	.48		.49	.87	1.82	.04							.18								.17		.19	.45	6.70
Cairo WB City	Z	.34	.28	T	T	T		.75	.01	T	1.30	1.33	.29		T					.27				.02			.97	.65	T	.23	.40		6.84
Canton					.16	T			T	.96	T						.05			T		.06	.05					T		T		1.28
Carbondale Sewage Pl		.08	.09		T		.03			2.83	.38	.52								.17		.68						.23		.08	.09		5.18
Carlinville 4 E		T	T		T				.11	.15		.04						.28		.20		.05	.02				T	.43			.39		1.67
Carlyle										.19	1.60	.08	.03		T			T		.24		T						.84	T	T	.51		3.49
Carmi			.03			.10				.60	1.70	.23	.20		T	T		T		T		.12					2.75	.23	.09	.17		6.22
Carpenter 1 SW	R									.84	.12	.09						.07		.28						.08	.97		.99	.19		3.63
Casey					1.55						.38							.16				.07	.16					.50	.33				3.15
Centralia 4 W										.19	1.97	.08		.03						.15								1.00		.67		4.09
Chandlerville					.05				.04	.60		T					.07			T		.20	.15			.15	.95	.05	.15	.50			2.91
Channahon Dresden					.02	.08				.15	.09							T					.28	.45				T		.03	.02		1.12
Charleston			T		T				.12	-	.14	.09						.22					.30				.21	.18		.77	.14		-
Chenoa				T	.48				T	.53		T					T				.40	.02					T		.05				1.48
Chester			T			T					2.04	.33	.30								.38		.11					1.52	.09		.40	.10	5.27
Chicago Cal T Wks	R				.01					.20							.01					.07	.07			.22					.14		.72
Chicago Heights					.06					.41				.02			-	-	-	-			.13			.30							-
Chicago Lakeview	R				.01					.30												.12				.11					.01		.55
Chicago Loyola Univ					.09					.23												.13	.03			.50					.04		1.02
Chicago Mayfair P Sta	R				.01					.22												.07	.03			.15					.01		.49
Chicago N Branch P S	R				.01					.20			.01									.10	.01			.17							.50
Chicago Roseland P S	R				.06					.19							.02					.06	.21			.82					.58		1.94
Chicago San Dist Disp	R				.06					.20												.07				.29					.07		.69
Chicago San Dist Off	R				.07					.17												.11	.58			.08					.09		1.10
Chicago S Filter Pl	R				.03					.18							.02					.17	.12			.72					.12		1.36
Chicago Springfield	R	*			.06					.23												.05	.01								.02		.37
Chicago Univ	Z				.03				.01	.17				T			T					.10	.10			.69					.40		1.50
Chicago WB AP	Z				.05	T		T	T	.21				T	T	T	T					.05	.08			.32					.07		.78
Chicago WB City	Z				.04	T		T	.01	.23				T		T	T					.12	.50			.04					.16		1.10
Chillicothe					.60	.02				.54							.01	.01				.45							T				1.63
Cicero					.12	T			T	.23				T			T	T				T	.04			.24					T	.05	.68
Cisne Brown Camp	R									.54	.81											.40					.35	.20					2.30
Clinton 1 S					.10				T	.42											*	.44				T		.31	.25			T	1.52
Collinsville	R									.25	.95	.25								.35							.75			1.15		3.70
Coulterville	R									.94	1.14	.02	.11							.36		.24					.40	.04		.26			3.51
Crete	R									.24												*	.57			.75							1.56
Danville	R				.50	.09				.11	.03							.50				.36	.43					.24	1.00	.13			3.39
Danville Hosp					.37	.15				.19	.01											.41	.25					.33	1.41	.15			3.27
Danville Sewage Pl						.02	T				.07							T					.39	.33				.23	.33	.99	.14		2.50
Decatur			T	T	.01				.01	.38	T	.01	T					.01				.20	.05	.02			T	.36	.04	.67	.01		1.77
Des Plaines 1 NW					.12	T				.10													.09			.08					.10		.49
Diona	R				.29					.15	.01						.10					.95	.13			.16	.10	.17	.22	.51			2.79
Dixon					.17					.47				.05			.04	T				.08	.07			.13							1.01
Douglas	R				.25					.89												.11							.05				1.30
Downs 2 NE	R				.64					.82	.02											.14	.06				.01	.20	.04				1.93
Du Quoin		.02								.07	2.10	.12	.12							.06		1.04						.18		.10	.41		4.22
Dwight					.05					.28							T					.20	.08						.09				.70
Dwight St. Ref	R				.05					.05							.02					.20							.10		.06		.48
East St. Louis		T								1.28	.10	.27			.06					.42						1.25			1.15	.09		4.82
Edwardsville		.17	T	T		T			T	.54	.89	.11					T			.29		T				T	T	1.46	.02	T	1.48	T	4.96
Effingham CAA AP	Z //	T		T	.06				T	.38	.11	.04						.32				.50	.36				.38	.17	.06		T		2.38
Elgin					.08	T				.23												T	.44			.03					T		.78
Elizabethtown		.28	.27				T	.85			.95	.27	.74							.06		.06					.13	.54	.15	.12	.40		4.82
Elsah		.01							.06	.14	.16	.11	.02							.33	.01	.12					.65		.45	.10	.56		2.72
Evanston Pump Sta	R				.07	.04				.16					.02							.21	.04			.10					.03		.67
Fairbury Water Wks	R //				.15					.51	.01	.02		.01			.03					.68	.01					.09	.11				1.62
Fairfield					.01					.36	1.69	.03	.18					.22										.53	.71		.03		3.76
Farmer City	R				1.19					.39	.03										.02	.17	.07				.32	.17					2.36
Flora		-	-	-	-	-				.04	1.38	.05	.03									.17	.07					1.40	.12				-
Freeport					.33				.01	.33				.10			.08					.18	.05	T	T	.44			T		.75	.16	2.43
Freeport Sewage Pl	Z	.02			.32	.01				.44	.03			.09				.07					.11		T	.38	.02			.01	.03	1.10	2.63
Fulton Dam 13	R	.03			.17		T			.62	.08			.02				.03					.24			.02	T				.02	1.23
Galatia 1 W	R								1.61	1.10	.21	.06	*	.13				*	.82										*	.39	6.36
Galena					.29	T			.13	.64				.06			.20					.18		.08	T	1.10				T	.20	2.88
Galesburg					.33	.01				.70						T						.30				T			.09			1.43
Galva					.40					.67							.03	.02			T	.39	T			.24							1.75
Geneseo					.92				.01	.78							.07					.52				.03							2.33
Gibson City				T	.16	T			T	.50		T						.01				.03	.01	.01		.01		.08	.01		T	T	.82
Gladstone Dam 18		T				T				1.45	T							.01			.30	.13	.65			.06	.05	T	T		.02	.20	2.87
Glendale Exp Farm	Z	.28	.10					1.17		.04	.99	.42	.37								.16	.14						.95		.03	.49		5.14
Golconda Dam 51	Z	T	.28	.25			.03	.68	.31		.78	.26	1.25	T							T		.02					.06	.49	T	.32		4.89
Golden									.09	.44		T						.09		.18		.48	.06			.12	.08	.05			.22		1.81
Grafton			.05							.08	.35	.06	.10					T			.27		.15					.69	T		1.28	T	3.03
Grand Tower 2 W		.18	.02						.22		3.22	.36	.52				T			.38						T		.04		T	.18		5.12
Greenfield	R									.52		.04					.27			.25							.45		.34	.76	.05		2.68
Greenup		T			.70					.21	.40		.04	.02				.14					.38					T					1.89
Greenville					.02					.30	.21	.54	.13	.01				.03				.19	.05					.68	.04		.42		2.62
Gridley					.20					T	.45											.37	.11				T		.05				1.18
Griggsville										.42	.15		T					.12		T		.44				.48	.07			.17	.48	.18	2.51
Hardin										.36	.11		.08				.06	.18		.48		.26				.25	.26	.28			.76		3.08
Harrisburg		.21	.05		T	T		.05	T	.05	2.87	.50	.50			T		.10		T		.58						1.40	.06	.48	1.00		7.85
Harrisburg Disp Pl		.03		.04				.10			2.90	.06	.98					.12				.46							2.04		.44	.43	7.60
Havana					.03	T			.06	.93		T					T	.09		.07		.11	.08			.01	T	T		.08	.02		1.48
Havana No. 2						.03	T		T	.78	.20	T						T			.03		.14				.01	T	T	.03	.03		1.25
Henry					.16					.16													.56										.88
Hillsboro		T							.02	.25	.58	.15	.02					.14		.11			.02			.03		.44	.01	.39			2.16
Hoopeston	Z									.26												T	.90			.60	.53	.14	.52				2.95
Hudson Lk Blmngton	R				.52					.60												.35											1.47
Hutsonville P Pl	R //			T		.41					1.52	T						.15				.17	.10					.71	.75	.10		.31	4.22
Illinois City D 16	Z				.86	.07				1.11	.08							.10			.02	.02	.75			.02					.03	.08	3.14
Jacksonville	R								.11	.34								.16		.15		.39	.07			.08	.07	.14		.64	.35		2.50
Jacksonville S Pl	R								.09	.35							.14			.20		.50	.04				.24		.12	.42	.09		2.19
Jerseyville									.10	.22		.13						.05		.34		.15					T	.58			.80		2.37
Joliet Brandon Rd		.07			.17	.07				.17	.06			T	.03			.02					.10	.01				.90					1.60
Joliet WB AP	6				.19	T			T	.25				T			.02					.11	.05			.92			T		.03		1.57
Kankakee					.03	T				.28												.11	.28	.06	.03	1.25		.03	.14				2.21
Kankakee 4 W					.02	T				.27							T						.30	.07		.53		.02	.14				1.35
Kankakee Sewage Pl	R									.16												.21	.08			1.24			.08				1.77
Keithsburg						.06				.70											.20	T	.57				T				.05	.30	1.88
Kewanee					.24					.47							.04					.20				.17				T			1.12
Kewanee Baker Park	R			.05	.12					.51							.10					.30				.20				.40			1.68
Kickapoo						.53				.50	.07																		.04	.03			1.17
La Harpe					T				T	.79							T	.10		.86	.05	.60	.08			.07	.03	.06	.02	.04	T	T	2.70
Lanark	R				.20				.05	.59				.05			.14						.14		.04								1.21
La Salle					.25	T				.41			T				T	T				.09	.23			T			T		T		.98
Lawn Ridge	R	-	-	-	-	-	-	-	-	.37				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
		Day of month																															
Lawrenceville					.05	.03				.14	1.38	.07	.02									58	.08					.09	2.82	.08			5.34
Leroy				.42						.59	.02											.17	.04			T		.19	.12				1.55
Lincoln					T				T	1.08							T				.35	.15			T		.14		.31			2.03
Lincoln No. 2										.60	.12		T					T					.45	.01			T	.13	T	.26	.01		1.58
Lockport L & D	R				.11					.29												.05				.58							1.03
Lockport Power House	R				.10					.30				.01			.01	.01				.05	.05			.58							1.11
Louisville	R									.61	.39	.04						.08					.06				.49	.31		.06			2.04
Mackinaw					.38	T				.96												.23								.26			1.83
Macomb					T				.01	1.20							T	.06		.05		.40	.08			.06	.02	T		T	.03		1.91
Marengo					.07				T	.30				.04								.10	.34			.24					.04		1.13
Marietta	R									.99												.60	.10										1.69
Marion		.05	.04	.01				.04	T	.03	2.47	.12	.54							.07		.33						1.19	.13	.02	.23		5.27
Maroa	R									.80												.09	.11				.40	.20	.24	.06	.05		1.95
Marseilles Lock					.03	T				.03	.17							T					.34	.04					T				.81
Marshall			T		.61					.03		.06						.12					.13				.02	.61	.29	.34	T	.02	2.23
Mascoutah		T								.31	1.39	.10			.11				.11	.21								.92		.01	.42		3.58
Mason City	R				.20					.90												.20	.30							.15			1.75
Mattoon		T			.05				T	.18	.04	.04						.17				.92	.14			.25	.02	.55	.40	.65	.20		3.61
Mc Henry	R				.04					.23													.41			.23							.91
Mc Henry 2 S					.10	T				.29													.45			.23				T		T	1.07
Mc Leansboro										T	2.25	.26	.12									.70						.68	.49		.40		4.90
Medora		T	.12			T			.10	.23		.10						.30		.25		.10						.98	.10	.03	1.22		3.53
Minonk					.42	T				.50							T					.18	.10						T		.02		1.22
Moline WB AP	Z //				1.10	.07			T	.81				T			.10			.07		.54				.24					.08		3.01
Monmouth AP					.10					.88												.60				T				.03	.15		1.76
Monticello					.24						.24											.36	.04					.46	.57	.07			1.98
Morris					T	T				T	.25							T					.21	.80	T					.05	T		1.31
Morris 3 NE					.06	T				.20							T	.01				T	.35	.46		T			.03				1.71
Morrison					.16	T			T	.66				T			.07					.37	.02	T		.06	T			T	.10	.02	1.46
Morrisonville	R									.18						.26	.08			.05		.09				.14	.80			.03	.08		1.71
Morrisonville 1 E					T				.02	.16	T	.04						.35		.02		.29	.15			.01	T	.57	T	.10			1.71
Mt. Carmel				.03							1.90	.29	.13						.08				.55					.20	.75	.05		.10	4.08
Mt. Carmel Water Wks	R									.95	.99	.18	.02									.43	.02				.16	.62		.15	.09		3.61
Mount Carroll					.30	T			.10	.15				.05			.16	T				.21	.03	.02		.31			T		.30	.04	1.67
Mount Olive		.02							.01	.23	.59	.13	.02					.02		.23			.09			.12	.06	.42			.22		2.16
Mount Pulaski						T				.43												.01	.02					.12		.20	.29		1.07
Mount Sterling									.11	.32								.08		.10		.14	T			.20	T	T		.08	.13		1.16
Mt. Vernon										1.14	1.42	.06										.68						1.37			.27		4.94
Murphysboro Wtr Wks	R //				.05					.96	.95	.70	.01							.27		.42							.07	.08			3.51
Nashville 3 NW			T							.45	1.68	.16								.75		T						.63	.14	T	.20	.24	4.25
Newark 7 E					.12					.17												T	.20	*	*	1.05			T		.15		1.69
New Boston Dam 17					.09	.02				.83								.03			.18	.05	.35			T	.03	.05	T		T	.19	1.82
New Boston 2 NW							T		.85								.04			.15		.45				T	T		.12	.19		1.80
New Burnside		.21	.02		T			.52		.05	2.16	.68	.46		.01			1.05		.18		.66						1.95	.04	.08	.28		8.35
Newton	Z			T	.08					.02	1.21	T						.01				.28	.16					.64	1.23	.07	T		3.70
Olney Radio Sta			T		T					.04	1.38	.03	.05					T				.04	.04					.50	.34				2.42
Oregon Water Wks					.17					.45				.02			.04						.14	.07		.02				.01			.92
Ottawa					.14					.29							T					.37	.36			T		T	T				1.16
Palestine					.37					.03	1.09	.03				.06		.18				.07	.18					1.00	.28		.16		3.45
Pana		.01	.03		T				T	.40	.06	.09	T					.35		T		.26	.25					.66	T	.03	.04		2.18
Paris Sewage Pl	R				.12					.07							.15				.02	.04	.15					.42	.37				1.34
Paris Water Wks		T				T				.05	.06	.04											.40					.38	.35	.27		.02	1.57
Paw Paw					.17					.35				T			T					.10	.12			.50					.06		.30
Peoria L & D	R //				.81					.84												.21	.03							.15			2.04
Peoria WB AP	Z			T	.65	T			T	.69		T					.01			T		.09					T	T	T	.01	T		1.45
Peotone					.05				T	.30							T										.57						.92
Peru					.25	.05				.35													.40										1.05
Petersburg									.07	.65								.04				.52	.07			.46	.19	.07		.08	.03		2.18
Pittsfield Water Wks	R								.30	.31							.08			.14		.70				.04	.14		.09	.54			2.34
Pleasant Hill 2 F									.68	.15								.24		.18		.79				.10		.08		T	.62		2.84
Pontiac					.69				T	.41							T	.20				.26	.03			T	T		.08				1.67
Prairie Du Rocher	R									.87	1.09	.25								.48								-	-	-	-	-	-	-
Princeton 1 S	R //				.40					.56							.02					.20				.05							1.23
Princeville 2 NW					.93					.50							.01					.03				T				T			1.47
Prophetstown	R				.60					.65							.09					.30				.12							1.76
Quincy							.02		.22	.20		.02						.08		.77		.39	.03			.43	.26	.12		.47	.08		3.09
Quincy CAA AP	6		T			T			.10	.31		T					.03			.43		.48	T			.22	.27	T	.05	.16	.02		2.07
Quincy Dam 21	Z		T							.29		T						.10			.51	.22	.33					.37	.23		.62	T	2.67
Quincy Memorial Br		T								.31		T	.01					.02			.85	.25	.31					.52	.23	T	.60	.04	3.14
Rantoul Chanute AF	Z //			T	.40	T			T	.46		T					T	T				.41	T			.16			.28	.25	.55	.12		2.63
Red Bud										2.07	.14	.20			.02	.03			T	.62								.33	.01		.62			4.04
Richview	R									1.04	.90		.01							.10								.43	.10			.15		2.73
Roberts 3 N					.09				T	.41												.24	.30			.20			.05	.22				1.51
Rochelle		.13			.24					.29								.07				T	.16			T					.15		1.04
Rockford					.15				T	.62					.05							.10	.11			.26			T		T		1.29
Rockford 4 NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								.20	.13	.16	.07					.02	.01	-
Rockford CAA AP	6				.20	T			.03	.47				.05			T	T				.05	.17		.03	.23			T		T		1.23
Rock Island Dam 15		.03			.62	.59	.02			1.05	.02			T				.09			.13		.43		T	.11	.04	T			T	.02	3.15
Rockport									.45	.26								.26		.16		.55						.23		.12	.80		2.83
Rushville									.83									.18				.22	.11			.02	.04			.17			1.57
Ste. Marie			T		T	.14	.05				1.58	.02	.03						.06				.34					.54	.38	.20	.05		3.39
Salem					.02					.12	1.69	.07	.04							.02		.10	.05						.07		.13		2.31
Shawneetown New Twn			T	.15	.23		T	T	.15	T		1.71	.09	1.01	.04		T	T	T	.11		.02	T	.73					T	1.63	.04	.25	.25	6.41
Sidell						.22					.08		T					.02					1.03	T	.06				.20	.30	.10			2.01
Skokie N S Tr Wks	R				.05	.05				.15												.04	.08			.67					.01		1.05
Sparta		.03	T	T	T					.18	1.89	.05	.08		.05					.12		.27						.84		T	.07	T	3.58
Springfield WB AP	Z //	T		T	T	T			.08	.44		T					.07	.02		.02		.04	.11				.16	.03	.40	.35	.03		1.75
Springfield WB City	Z	T			T				.03	.26		T					.05	.02		.02		.10	.12				.16	.05	.10	.24	.05		1.20
Stickney W Side Tr	R				.09	.01				.19												.03	.01			.56					.04		.93
Stockton					.22				.05	.70				.08	.02		.07	.04				.09	.02	.01		.60	.02				.15	.37	2.44
Streator					.18					.18								T				.52	.10			T			.03				1.01
Sullivan Water Wks	R //				.04					.10	.05						.23					.07	.14				.17	.21	.09	.25			1.35
Sycamore					-	-			-	-				-			T					.26	.48			.05					-		-
Table Grove						T			T	.90		T						.13		T		.38	.05			.01				T	.32		1.79
Taylorville			T		T				.07	.20		.02					.31					.08	.07			T		.51		.23	.18		1.67
Tiskilwa					.20	T				.52							.05					.21	T			.20							1.18
Toulon					.71	T			T	.62							.03	T				.20				.05							1.61
Tuscola			.01		.01	.03				.12	.02	T						.03				.19	.37				.12	.22	.28	.40		.17	1.97
Urbana				T	.14				T	.38		T						T				.40	.12	T		T		.34	.37	.05		T	1.80
Urbana Exp Farm	R				.16					.27												.43	.03					.24		.40			1.53
Urbana Eng Campus		.01		.03		.17					.45	T	.01										.51	.05	.32				.10	.32			1.97
Utica Starved R Dam					.18	.15				.36	.12												.40	.03									1.24
Virden						T			.45	.11		.03			T			.29		.10		T	.01				.19	.45	T	.21	.18		2.02
Walnut					.42				T	.62							T					.23	T			.18							1.46
Warsaw									T	.56								.26		.12		.24				.30	.19						1.67
Washington	R				1.10					.60												.19								.04			1.93
Waterloo		.02							T	.18	1.60	.16		.15	.05					.40							.06	.86		.13	.33	.03	3.97
Waterman	R //				.09					.15												.25	.24			.49							1.22
Watseka					T	.01				.53		.02						.03				.05	.32	.19		1.23	.04	.02	.36				2.80
Waukegan					.03	.01				.22													.61			.19					.05		1.11
Wayne City			.02								1.76	.22	.08															.50	.37	.07	.07		3.09
Wenona					.14					.40												.20											.74
West Frankfort 8 E	R										2.23	.25	.15					.42				.10						2.06	.02		.13		5.36
Wheaton College					.37	T				.19				T			T						T			.48					.05		1.09
White Hall 1 E						T			.38	.17		T						.37		.27		.08				.03	.05	.28		.58	.39		2.60
Wilcox				.05							1.40	.10											.10					.32	.12				2.09
Windsor		T	.04		.20				T	.21	.09	.10	T					.15				.45	.11				.20	.31	.09	2.08	.02		4.05

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
CAIRO WB CITY								.02	.01	.08	.10	.11	.01	.01											.34
GLENDALE EXP FARM											.10	.09	.06	.03											.28
GOLCONDA DAM 51												.13	.08	.03		.01									.25
HUTSONVILLE //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN RIDGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIPER CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—2d—																									
CAIRO WB CITY									.06	.11	.04	.02		.05											.28
GLENDALE EXP FARM											.05	.03	.02												.10
GOLCONDA DAM 51										.05	.06	.07	.02	.03	.01			.01							.25
—3d—																									
KEWANEE BAKER PARK						.					.02	.01						.01	.01						.05
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
RANTOUL CHANUTE AF BASE //				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
—4th—																									
ALEXIS WATER WORKS								.30						.07											.37
BELVIDERE SEWAGE PLANT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.10	.10
BRADFORD CAA 6		*	*	*	*	*	.03	*	*	*	*	*	.05												-
CHICAGO CAL TREAT WKS										.01															.01
CHICAGO LAKEVIEW PUMP										.01															.01
CHICAGO LOYOLA UNIV							.09																		.09
CHICAGO MAYFAIR PUMP ST									.01																.01
CHICAGO N BRA PUMP STA									.01																.01
CHICAGO ROSELAND PUMP					.01		.02			.03															.06
CHICAGO SAN DIST DISPAT							.01		.03	.01	.01														.06
CHICAGO SAN DIST OFF							.03		.03	.01															.07
CHICAGO S FILTER PL		.01									.01	.01													.03
CHICAGO SPRINGFLD PUMP							.03		.03																.06
CHICAGO UNIVERSITY										.03															.03
CHICAGO WB AIRPORT									.01	.04															.05
CHICAGO WB CITY									.01	.01	.01	.01													.04
DANVILLE HOSPITAL											.34	.02	.01												.37
DIONA														.23	.03	.01	.01	.01							.29
DOUGLAS						.03	.08	.13	.01																.25
DOWNS 2 NE										.02	.62														.64
DWIGHT STATE REFORM						*	*	*	.05																.05
EFFINGHAM CAA //												*	*	*	*	*	*	*	*	*	*	*	*	.06	.06
EVANSTON PUMP STA							.06		.01																.07
FAIRBURY WATER WORKS //								.02	.02	.07	.01	.03													.15
FARMER CITY										.88	.29	.01	.01												1.19
FREEPORT SEWAGE PLANT				.16	.06	.08	.02								.01										.33
FULTON DAM 13				.07	06																				.13
HUDSON LK BLOOMINGTON								.18		.34															.52
ILLINOIS CITY DAM 16				.02	.79					.02	.01	.01	.07												.92
JOLIET WB AIRPORT 6		*	*	*	*	*	.09	*	*	*	*	*	.10												-
KEWANEE BAKER PARK						.09		.03																	.12
LANARK				.17	.03																				.20
LOCKPORT LOCK AND DAM									.08	.02	.01														.11
LOCKPORT POWER HOUSE								.01	.05	.03	.01														.10
MASON CITY												.19	.01												.20
MC HENRY								.02	.01	.01															.04
MOLINE WB AIRPORT //					.32	.43	.03			.04	.06			.22											1.10
MURPHYSBORO WATER WORKS //												.02	.03												.05
NEWTON													.06												.06
PARIS SEWAGE PLANT														.05	.02			.02	.03						.12
PEORIA LOCK AND DAM //									.53	.28															.81
PEORIA WB AIRPORT								.28	.36	.01															.65
PRINCETON 1 S //						.37	.03																		.40
PROPHETSTOWN					.10	.03	.05	.02	.40																.60
ROCKFORD CAA 6		*	*	*	*	*	.20																		-
SKOKIE N S TREAT WKS							.05																		.05
STICKNEY W SIDE TREAT							.01		.04	.04															.09
SULLIVAN WATER WORKS //															.04										.04
URBANA EXP FARM												.16													.16
WASHINGTON										1.10															1.10
WATERMAN //								.02	.07																.09
WENONA							.09	.02	.03																.14
—5th—																									
DANVILLE HOSPITAL																		.10	.05						.15
EVANSTON PUMP STA																.04									.04
MOLINE WB AIRPORT //											.03	.04													.07
NEWTON					*	*	*	*	*	*	*	*	*	*	*	*	.04				.05	.50	.28	.12	.99
RANTOUL CHANUTE AF BASE //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40										.40
SKOKIE N S TREAT WKS																.05									.05
STICKNEY W SIDE TREAT																	.01								.01
—6th—																									
NEWTON	.13	.02	.02	.01	.02		.01																		.21
—7th—																									
CAIRO WB CITY			.03	.38	.16	.07	.04						.04	.03											.75
GLENDALE EXP FARM				.02	.42	.25	.42	.06																	1.17
GOLCONDA DAM 51			.12	.09	.34	.26	.12	.08																	1.01
—8th—																									
BEARDSTOWN LAGRANGE DAM //								.02	.02	.01														.38	.43
BELLEVILLE SCOTT AF BSE //														.01	.01										.02
BELVIDERE SEWAGE PLANT																			.01	.01					.02
CAIRO WB CITY														.01											.01
CHICAGO UNIVERSITY																			.01						.01
CHICAGO WB CITY																						.01			.01
COLLINSVILLE																.05									.05
FREEPORT SEWAGE PLANT																	*	*	*	*	*	*	*	*	*
GALITIA 1W													.04			.03	.01	.01	.16		.42	.64	.22	.08	1.61
GREENFIELD													.02	05	.27	D8		.01	.01						.52
JACKSONVILLE SEWAGE PL															.06	.03									.09
LANARK																	.03	.02							.05
LAWN RIDGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
PITTSFIELD WATER WORKS										.02	.05	*	.10	.03	.09	.01									.30
QUINCY CAA 6								*	*	*	*	*	.04	*	*	*	*	*	.06						-
QUINCY DAM 21													.10		.04										.14
ROCKFORD CAA 6														*	*	*	*	*	.01	*	*	*	*	*	-

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SPRINGFIELD WB AIRPORT															.01		.03		.04							.08
SPRINGFIELD WB CITY																	.01	.01	.01							.03
VANDALIA																	.07	.07								.14
													—9th—													
ALEXIS WATER WORKS					.30	.14	.19				.02															.65
AUGUSTA HIGH SCHOOL						.49	.21	04	.01																	.75
BEARDSTOWN LAGRANGE DAM	//	.02																								.02
BELLEVILLE SCOTT AF BSE	//						.01	.02	.01	19								.01	.04	.05	.16	.13	.04	.10	.10	.86
BELVIDERE SEWAGE PLANT						.02	.19	.01	.07	.04			.01	.01												.35
BRADFORD CAA	6		*	*	*	*	*	.44	*	*	*	*	*	.08												–
CARPENTER 1 SW										.15									.05				.24	.20	.20	.84
CHICAGO CAL TREAT WKS		*	*	*	*	*	*	*	*	*	*	*	.20													.20
CHICAGO LAKEVIEW PUMP							.03	.19	.07	.01																.30
CHICAGO LOYOLA UNIV								.16	.07																	.23
CHICAGO MAYFAIR PUMP ST								.15	.06	.01																.22
CHICAGO N BRA PUMP STA								.15	.05																	.20
CHICAGO ROSELAND PUMP								.04	.14	.01																.19
CHICAGO SAN DIST DISPAT								*	*	.20																.20
CHICAGO SAN DIST OFF								.08	.09																	.17
CHICAGO S FILTER PL								.04	.13	.01																.18
CHICAGO SPRINGFLD PUMP								.13	.09			.01														.23
CHICAGO UNIVERSITY								.03	.14																	.17
CHICAGO WB AIRPORT								.10	.10	.01																.21
CHICAGO WB CITY										.09	.09	.02	.02			.01										.23
CISNE BROWN CAMP																		.06	.04			.10	10	.06	.18	.54
COLLINSVILLE									.11	.12									.09	04		.02	.22	.28	.24	1.12
COULTERVILLE											.09	.01						.11	.12	.07	.04	.12	.13	.03	.22	.94
CRETE										.19	.02	.02	.01													.24
DANVILLE HOSPITAL										.01	.03	.01	.01						.10				.01	.02		.19
DIONA										.06	.04													.02	.03	.15
DOUGLAS					.07	.41	.22	.09	.03				.05	.01	.01											.89
DOWNS 2 NE									.34	.25	.16	.02	.01	.01	.01		.02									.82
DWIGHT STATE REFORM							*	*	*	.05																.05
EFFINGHAM CAA	//								.03	.03	.02												.05	.28	.01	.42
EVANSTON PUMP STA								.10	.05	.01																.16
FAIRBURY WATER WORKS	//							.01	.15	.24	.08	.01				.01	.01									.51
FARMER CITY								.04	.28	.03						.04										.39
FREEPORT SEWAGE PLANT		*	*	*	*	*	*	*	*	*	*	*	.47													.47
FULTON DAM 13				.04	.24	03	.09	.08				.07	.02													.57
GALATIA 1W		.32	.25	.13	.22	.07	.01	.01	.01	.01	.02	.01	.02	.02												1.10
GLENDALE EXP FARM																									.04	.04
HOOPESTON									.01	.01	03	.02						.14	.03	.01						.25
HUDSON LK BLOOMINGTON							.03	.36	.15	.06																.60
ILLINOIS CITY DAM 16				.60	.18	.12	.13	.07			.06															1.16
JACKSONVILLE SEWAGE PL				.01			.19	.09						.05	.01											.35
JOLIET WB AIRPORT	6		*	*	*	*	*	.04	*	*	*	*	*	.21												–
KANKAKEE SEWAGE PLANT										.08	.02	.03			.01	.02										.16
KEWANEE BAKER PARK					.28	.05	.12	06																		.51
LANARK					.34	.01	08	.05			.01	.07	.03													.59
LAWN RIDGE						.14	07	.08	.03			.01	.04													.37
LOCKPORT LOCK AND DAM							.04	.12	04	.05	.04															.29
LOCKPORT POWER HOUSE							.04	.15	.03	.07		.01														.30
LOUISVILLE												.03														.61
MARIETTA						.13	.64	09	.09	.03	.01								.02		.03	.07	.17	.12	.17	.99
MAHOA								.08	.09							.51	.02									.80
MASON CITY						.14	.54	.11	.01					.10												.90
MC HENRY							.03	.12	02	.05			.01													.23
MOLINE WB AIRPORT	//			.06	.26	.16	.16	.17																		.81
MORRISONVILLE								.03	.13	.02																.18
MT CARMEL WATER WORKS																			.23	.07	.06	.06	.18	.23	.12	.95
MURPHYSBORO WATER WORKS	//																				.25	.49	.10	.16	.38	.96
PARIS SEWAGE PLANT					.05															.02						.07
PEORIA LOCK AND DAM	//						.25	.35		.18	.03	.01	.01													.84
PEORIA WB AIRPORT							.31	.15	.20	.01			.01	.01												.69
PITTSFIELD WATER WORKS							.16							.15												.31
PRAIRIE DU ROCHER W WKS																		.01	.01	.07	.10	.23	.13	.07	.25	.87
PRINCETON 1 S	//						.37	.05	.09	.05																.56
PROPHETSTOWN					.35	.09	.09	.12																		.65
QUINCY CAA	6		*	*	*	*	*	.31																		–
QUINCY DAM 21						.02	.09	.01																		.12
RANTOUL CHANUTE AF BASE	//						*	*	*	*	*	*	*	*	*	*	*	.74								.74
RICHVIEW											.07	.02		.01				.40	.04		.01	.10	.08	.12	.19	1.04
ROCKFORD CAA	6	.02	*	*	*	*	*	.32	*	*	*	*	*	.07	*	*	*	*	*	.08						–
SKOKIE N S TREAT WKS								.10	.04	.01																.15
SPRINGFIELD WB AIRPORT	//							.27	.01				07		.03	.06										.44
SPRINGFIELD WB CITY								.12	.03						.11											.26
STICKNEY W SIDE TREAT								.05	.13	.01																.19
SULLIVAN WATER WORKS	//								.01	.09																.10
URBANA EXP FARM									.04	.10	.01						.12									.27
VANDALIA								.01														.01	.11	.18	.08	.39
WASHINGTON								.19	.19	.14	.06		.02													.60
WATERMAN	//						.05	.10																		.15
WENONA							.20	.10		.02		.01	.02	.05												.40
													—10th—													
BEARDSTOWN LAGRANGE DAM	//							.01	.01	.02			.01													.05
BELLEVILLE SCOTT AF BSE	//	.03	.08	.05	.02	.03	.01								.01	.02	.02									.27
CAIRO WB CITY				.01	.53	.12	.01	.05	.06	.09	.18	.20	.05													1.30
CARPENTER 1 SW				.04	.04	.04																				.12
CISNE BROWN CAMP		.21	.11	.16	.19	.08	01	.05																		.81
COLLINSVILLE		.01	.01	.02	.04	.01	.01																			.10
COULTERVILLE		.27	.28	.13	.10	.17	.10	.01						.03	.05											1.14
DANVILLE HOSPITAL		01																								.01
DIONA		.01																								.01
DOWNS 2 NE									.01	.01																.02
EFFINGHAM CAA	//	.01	.01		.04	.04			.01																	.11
FAIRBURY WATER WORKS	//								.01																	.01
FARMER CITY								.02	.01																	.03
GALATIA 1W										.01	.06	.01							.01	.01	.01	.04	.03	.02	.01	.21
GLENDALE EXP FARM				.53	.25	.06	.05			.06	.03															.98
GOLCONDA DAM 51				.23	.54	.02	10			.03	.06	.02	.02	.02												1.04
GREENFIELD												.01		.01	.01	.01										.04
LOUISVILLE		.12	.08	.08	.04	.01		01	.01	.01	.02			.01												.39
MT CARMEL WATER WORKS		.10	.30	.08	.14	.21	.06	.05	03	.02																.99
MURPHYSBORO WATER WORKS	//	.12	.18	22	.09	.11	03	.03	.06	.02	.01		.03	.02	.03											.95
NEWTON																			–	–	–	–	–	–	–	–
PRAIRIE DU ROCHER W WKS		.22	.12	.14	.09	.20	.12	.05	.05	.01	.02		.02	.02	.02	.01										1.09
RICHVIEW		.16	25	.18	17	.09	.01	.04																		.90
SULLIVAN WATER WORKS	//														.01	.01	.01	01	.01							.05
VANDALIA		.02	.01		.03	.01																				.07
WEST FRANKFORT 8 E				.05	.62	28	.25	.07	.24	07	.20	.24	.11		.02	.02				.02	.02	.02				2.23

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—11th—																									
BELLEVILLE SCOTT AF BSE	//										.01	.01			.06	.03	.03	.01	.03	.03	.01					.22
CAIRO WB CITY								.01	.31	.59	.17								.11	.05	.04	.02	.02		.01	1.33
CARPENTER 1 SW																.02	.05	.02								.09
COLLINSVILLE			.01			.01	.01			.01	01					04		.06	.03	.02	.03	.01	.01			.25
COULTERVILLE											01	.01														.02
EFFINGHAM CAA	//															.02	.01	.01		.01						05
FAIRBURY WATER WORKS	//									.02																.02
GALATIA 1W		.03	.03																							.06
GLENDALE EXP FARM									.05	.11	.13	.01							.03	.05		.01	.02	.01		.42
GOLCONDA DAM 51										.07	.31	.02								.25	.09	.01	.02	.02		.79
LOUISVILLE																			.01		.01	.01			.01	.04
MT CARMEL WATER WORKS			.01	.03	.05							.01	.02	.01									.02	.01	.02	.18
MURPHYSBORO WATER WORKS	//	.21	.01	.01	.06					12	.01								.03	.05	.11	.02	.02	.01	.04	.70
PRAIRIE DU ROCHER W WKS										.01	.04					.01	.05	.08	.01		.03	.02				.25
VANDALIA													.01	.02		.02	.01									.06
WEST FRANKFORT 8 E									.16	.04								.05								.25
—12th—																									
BELLEVILLE SCOTT AF BSE	//		.01	.01																						.02
CAIRO WB CITY		.01	.04	.05	.12	.06	.01																			.29
CHICAGO N BRA PUMP STA																						.01				.01
COULTERVILLE										.08	.02	.01														.11
FREEPORT SEWAGE PLANT																								.01	.01	.02
GALATIA 1W				.03				.03								*	*	*	*	*	*	*	*	*	*	*
GLENDALE EXP FARM		.05	.03	.16	.09	.04																				.37
GOLCONDA DAM 51		.02	.05	.09	.11	.10																				.37
LAWN RIDGE											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT CARMEL WATER WORKS		.02																								.02
MURPHYSBORO WATER WORKS	//	.01																								.01
RICHVIEW		.01																								.01
WEST FRANKFORT 8 E			.03		.04	.05	02	.01																		15
—13th—																									
FAIRBURY WATER WORKS	//													.01												.01
FREEPORT SEWAGE PLANT		.02	.01	.03	.01																					.07
GALATIA 1W		*	*	*	*	*	*	*	*	*	*	*	*	*	*	.07										.13
LANARK			.03	.02																						.05
LOCKPORT POWER HOUSE																		.01								.01
ROCKFORD CAA	6		*	*	*	*	*	.05																		-
—14th—																									
EVANSTON PUMP STA																								.02		.02
—15th—																									
MORRISONVILLE																								.13	.13	.26
—16th—																									
AUGUSTA HIGH SCHOOL																						.14	.13			.27
BEARDSTOWN LAGRANGE DAM	//																			.01	.03					.04
BRADFORD CAA	6														*	*	*	*	*	.02	*	*	*	*	*	-
CHICAGO CAL TREAT WKS																			.01							.01
CHICAGO ROSELAND PUMP																						.01			.01	.02
CHICAGO S FILTER PL																			.01						.01	.02
COLLINSVILLE														.02	.02	.02										.06
DIONA		.02	.08																							.10
DWIGHT STATE REFORM																		.02								.02
EFFINGHAM CAA	//																								.20	.20
FAIRBURY WATER WORKS	//																								.03	.03
FREEPORT SEWAGE PLANT															*	*	*	*	*	.07						.07
FULTON DAM 13																	.03									.03
GREENFIELD																								.22	.05	.27
ILLINOIS CITY DAM 16														.03	.03	.02	.02									.10
JACKSONVILLE SEWAGE PL																						.01	.09	.02	.02	.14
JOLIET WB AIRPORT	6														*	*	*	*	*	.02						-
KEWANEE BAKER PARK																.04	.06									.10
LANARK														.01	.02	.04	.03	.04								.14
LOCKPORT POWER HOUSE																			.01							.01
MOLINE WB AIRPORT	//														.03	.03	.04									.10
MORRISONVILLE		08																								.08
PARIS SEWAGE PLANT			.09	.06																						.15
PEORIA WB AIRPORT																			.01							.01
PITTSFIELD WATER WORKS																						.04	.01	.02	.01	.08
PRINCETON 1 S	//										.01	.01														.02
PROPHETSTOWN																	.07	.02								.09
QUINCY CAA	6																				*	*	*	*	*	-
QUINCY DAM 21																					.05	.01	.01	.01	.01	.09
SPRINGFIELD WB AIRPORT	//																						.03	.04		.07
SPRINGFIELD WB CITY																							.01	.04		.05
SULLIVAN WATER WORKS	//	.02	.17	.01	.03																					.23
—17th—																									
BRADFORD CAA	6	.02																								-
CARPENTER 1 SW			.07																							.07
EFFINGHAM CAA	//	.14	.01	.01																						.16
GALATIA 1W						-	-												*	*	*	*	*	*	*	*
LOCKPORT POWER HOUSE							.01																			.01
LOUISVILLE				.07	.01																					.08
QUINCY CAA	6	.03																								-
SPRINGFIELD WB AIRPORT	//		.02																							.02
SPRINGFIELD WB CITY		.01	.01																							.02
VANDALIA		.03	.01																							.04
WEST FRANKFORT 8 E																							.04	.38		.42
—18th—																									
GALATIA 1W		*	*	*	*	*	*	.82																		.82
—19th—																									
ALEXIS WATER WORKS																			.02	.04	.02					.08
AUGUSTA HIGH SCHOOL											.03	.07	.05													.15
BEARDSTOWN LAGRANGE DAM	//									.05	.04															09
BELLEVILLE SCOTT AF BSE	//										.01	.01	.08	.08	.08											.26
CAIRO WB CITY									.05	.03			.07	.04		02	.06									.27
CARPENTER 1 SW														.13	.10	.02	.01	.02								.28
COLLINSVILLE													.15	.15	.07	.03	.01									.41
COULTERVILLE														.18	.17	.01										.36
GLENDALE EXP FARM							.05	.01	.01	.02					.05	.02										.16

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GOLCONDA DAM 51																									
GREENFIELD											.04	.14	.07			.14	.01								.15
JACKSONVILLE SEWAGE PL												.08	.09	.03											.25
MOLINE WB AIRPORT	//															.05	.01					.01			.20
MORRISONVILLE														.05											.07
MURPHYSBORO WATER WORKS	//													.02	.03	.19	.03								.05
PITTSFIELD WATER WORKS										.01	.04	.06	.03												.27
PRAIRIE DU ROCHER W WKS													.13	.29	06										.14
QUINCY CAA	6								*	*	*	*	*	.16	*	*	*	*	*	.27					.48
QUINCY DAM 21														.11	.28										-
RICHVIEW												.05			.01	.04									.45
SPRINGFIELD WB AIRPORT	//													.01		.01									.10
SPRINGFIELD WB CITY														.01	.01										.02
VANDALIA															.03	.05		.01							.02
																									.09
														—20th—											
ALEXIS WATER WORKS		.01	.01																						
FARMER CITY																									.02
ILLINOIS CITY DAM 16																.01	.01								.02
PARIS SEWAGE PLANT														.02											.02
														—21st—											
ALEXIS WATER WORKS								.02	.05	.12	.04	.05	.16	.01		.14									.59
AUGUSTA HIGH SCHOOL					.09	.11	.05	.02	.06	.16	.05	.01	.01	.01	.03										.60
BEARDSTOWN LAGRANGE DAM	//					.04	.10	.02																	.16
BELVIDERE SEWAGE PLANT																.02	.01	.01							.04
BRADFORD CAA	6								*	*	*	*	*	.01											-
CHICAGO CAL TREAT WKS																						.04	.02	.01	.07
CHICAGO LAKEVIEW PUMP																							.06	.02	.04	.12
CHICAGO LOYOLA UNIV																							.04	.04	.05	.13
CHICAGO MAYFAIR PUMP ST																							.04		.03	.07
CHICAGO N BRA PUMP STA																							.05	.01	.04	.10
CHICAGO ROSELAND PUMP																						.04	.01	.01		.06
CHICAGO SAN DIST DISPAT																						.03	.03		.01	.07
CHICAGO SAN DIST OFF																							.07	.03	.01	.11
CHICAGO S FILTER PL																						.05	.09	.02	.01	.17
CHICAGO SPRINGFLD PUMP																							.04		.01	.05
CHICAGO UNIVERSITY																							.01	.07	.02	.10
CHICAGO WB AIRPORT																						.03	.02			.05
CHICAGO WB CITY																						.01	.07	.03	.01	.12
CISNE BROWN CAMP																.37	.02	.01								.40
COULTERVILLE														.24												.24
CRETE																		*	*	*	*	*	*	*	*	*
DANVILLE HOSPITAL																			.01	.01	.25	.13	.01			.41
DIONA																		.02	.55	.37	.01					.95
DOUGLAS										.02	.08	.01														.11
DOWNS 2 NE															.04	.04	.02	.01	.01	.02						.14
DWIGHT STATE REFORM																		.07	.01	.05	.06	.01				.20
EFFINGHAM CAA	//																	.52	.01							.53
EVANSTON PUMP STA																							.04	.05	.12	.21
FAIRBURY WATER WORKS	//								.01	.01					.01	.02	.09	07	.03	.40	.04					.68
FARMER CITY															.01	.02	.06	.05	.03							.17
FREEPORT SEWAGE PLANT									.01					.01				.01	.03			*	*	*	*	*
FULTON DAM 13												.02	.07		.03		.02	.01	.05							.20
GLENDALE EXP FARM																			.14							.14
HOOPESTON																				*	*	*	.75			.75
HUDSON LK BLOOMINGTON															.18	.17										.35
ILLINOIS CITY DAM 16										.08	.23	.05				.37	.04									.77
JACKSONVILLE SEWAGE PL									.18	.32																.50
JOLIET WB AIRPORT	6														*	*	*	*	*	.04	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																					.18	01	.02			.21
KEWANEE BAKER PARK																	.02	.28								.30
LOCKPORT LOCK AND DAM																				.02	.03					.05
LOCKPORT POWER HOUSE																				.02	.02	.01				.05
MARIETTA									.01	.08	.02			.09	.01	.02	.34								.03	.60
MAHOA															.09											.09
MASON CITY											.06	.07	.03				.04									.20
MOLINE WB AIRPORT	//									.05	.09	.04	.01	.03			.32									.54
MORRISONVILLE															.04	.05										.09
MT CARMEL WATER WORKS																		.40	.03							.43
MURPHYSBORO WATER WORKS	//															.41	.01									.42
PARIS SEWAGE PLANT										.04																.04
PEORIA LOCK AND DAM	//										.02	.02	.03	.02		.05	.01						.05		.01	.21
PEORIA WB AIRPORT												.05	.01		.01							.01	.01			.09
PITTSFIELD WATER WORKS						.13	.23	.15					.15				.04									.70
PRINCETON 1 S	//												.01	.02	.02	.08	.05	.01	.01							.20
PROPHETSTOWN													.03	.01		.01	.10	.11	.04							.30
QUINCY CAA	6		*	*	*	*	*	.27	*	*	*	*	*	.04	*	*	*	*	*	.17						-
QUINCY DAM 21					.14	.05	.01			.09	.01				.01	.01	.10			.08						.50
RANTOUL CHANUTE AF BASE	//																	.11	.29		.01				.01	.42
ROCKFORD CAA	6														*	*	*	*	*	.05						-
SKOKIE N S TREAT WKS																							.02	.01	.01	.04
SPRINGFIELD WB AIRPORT	//											.04														.04
SPRINGFIELD WB CITY												.08	.01	.01												.10
STICKNEY W SIDE TREAT																						.02	.01			.03
SULLIVAN WATER WORKS	//																	.05	.01	.01						.07
URBANA EXP FARM																		.22	.10	.08	.03					.43
WASHINGTON														.11		.02	.06									.19
WATERMAN	//															.01	.03	.03	.08	.05	.05					.25
WENONA															.09	.01		.09	.01							.20
WEST FRANKFORT 8 E																					.10					.10
														—22d—											
ALEXIS WATER WORKS												.01														.01
BELVIDERE SEWAGE PLANT			.01	.01	.02	.05	.05	.04	.01	.01																.20
CHICAGO CAL TREAT WKS										.07																.07
CHICAGO LOYOLA UNIV		.02								.01																.03
CHICAGO MAYFAIR PUMP ST						.03																				.03
CHICAGO N BRA PUMP STA										.01																.01
CHICAGO ROSELAND PUMP										.21																.21
CHICAGO SAN DIST OFF									.55	.03																.58
CHICAGO S FILTER PL										.09	.03															.12
CHICAGO SPRINGFLD PUMP										.01																.01
CHICAGO UNIVERSITY		.01									.07	.02														.10
CHICAGO WB AIRPORT									.04	.03	.01															.08
CHICAGO WB CITY									.47	.03																.50
CRETE		*	*	*	*	*	*	*	*	*	*	*	*	.57												.57
DANVILLE HOSPITAL										.07			.08	10												.25
DIONA							.11	.02																		.13
DOWNS 2 NE		.02	.02	.02																						.06
EFFINGHAM CAA	//				.01	.08	.22	.03	.01																	.35
EVANSTON PUMP STA		.02						.01	.01																	.04
FAIRBURY WATER WORKS	//		.01																							.01

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FARMER CITY				.02	.03	.02																			.07
FREEPORT SEWAGE PLANT		*	*	*	*	*	*	*	.05											.02						.11
GOLCONDA DAM 51																										.02
HOOPESTON													.11													.11
JACKSONVILLE SEWAGE PL			.04																							.04
JOLIET WB AIRPORT	6	.07							*	*	*	*	*	.05												-
KANKAKEE SEWAGE PLANT																			.07		.01					.08
LANARK														.02		.02		.05	.01	.02		.01				.14
LOCKPORT POWER HOUSE									.03	.02																.05
LOUISVILLE						.05	.01																			.06
MARIETTA		.10																								.10
MAROA		.01	.02	.01	.03	.04																				.11
MASON CITY			.01	.29																						.30
MC HENRY			.01	.09	.09	.03	.02	.01	.05	.10	.01															.41
MT CARMEL WATER WORKS									.02																	.02
PARIS SEWAGE PLANT																				.04	.01	.05	.05			.15
PEORIA LOCK AND DAM	//	.02	.01																							.03
RANTOUL CHANUTE AF BASE	//	.02	.01																							.03
ROCKFORD CAA	6		*	*	*	*	*	.09							*	*	*	*	*	.08						-
SKOKIE N S TREAT WKS		.06							.01	.01																.08
SPRINGFIELD WB AIRPORT	//		.02	.09																						.11
SPRINGFIELD WB CITY			.02	.10																						.12
STICKNEY W SIDE TREAT										.01																.01
SULLIVAN WATER WORKS	//	.05	.01				.02		.06																	.14
URBANA EXP FARM													.02	.01												.03
WATERMAN	//							.02	.04	.03									.15							.24
-24th-																										
CAIRO WB CITY																	.02									.02
FREEPORT SEWAGE PLANT																								.01		.01
NEWTON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
ROCKFORD CAA	6																				*	*	*	*	*	-
-25th-																										
ALEXIS WATER WORKS						.07	.01	.01																		.09
AUGUSTA HIGH SCHOOL															.06	.04										.10
BEARDSTOWN LAGRANGE DAM	//															.03	.02									.05
BELVIDERE SEWAGE PLANT		.02		.01	.14					.01	.01															.19
BRADFORD CAA	6								*	*	*	*	*	.02												-
CARPENTER 1 SW																	.08									.08
CHICAGO CAL TREAT WKS														.13	.09											.22
CHICAGO LAKEVIEW PUMP																	.11									.11
CHICAGO LOYOLA UNIV															.01		.49									.50
CHICAGO MAYFAIR PUMP ST														.15												.15
CHICAGO N BRA PUMP STA														.02	.01		.14									.17
CHICAGO ROSELAND PUMP														.57	22		.03									.82
CHICAGO SAN DIST DISPAT																.29										.29
CHICAGO SAN DIST OFF																.07	.01									.08
CHICAGO S FILTER PL														.40	.09	.21	.02									.72
CHICAGO UNIVERSITY														.05	.26	.06	.32									69
CHICAGO WB AIRPORT														.01	.03	.28										.32
CHICAGO WB CITY																.03	.01									.04
CRETE															.02	.27	.01	.33	.05	.07						.75
DIONA																						.10	.06			.16
EVANSTON PUMP STA														.01			.09									.10
FREEPORT SEWAGE PLANT			.28	.09																						.37
HOOPESTON																.01	.06	.03	.18	.34	48					1.10
ILLINOIS CITY DAM 16					.01	.01																				.02
JOLIET WB AIRPORT	6								*	*	*	*	*	.75	*	*	*	*	*	.17						-
KANKAKEE SEWAGE PLANT																.16	.28	.80								1.24
KEWANEE BAKER PARK							.05	.15																		.20
LANARK			.04																							.04
LOCKPORT LOCK AND DAM													.01	.57												.58
LOCKPORT POWER HOUSE														.57		.01										.58
MC HENRY					.07	.13					.02	.01														.23
MOLINE WB AIRPORT	//			.01			.21	.02																		.24
MORRISONVILLE					.11												.03				*					.14
PITTSFIELD WATER WORKS															.02	.01			.01							.04
PRINCETON 1 S	//									.05																.05
PROPHETSTOWN					.02			.10																		.12
QUINCY CAA	6														*	*	*	*	*	.22						-
QUINCY DAM 21														.21	.09										.01	.31
RANTOUL CHANUTE AF BASE	//															.15										.15
ROCKFORD CAA	6	.03	*	*	*	*	*	.23																		-
SKOKIE N S TREAT WKS															.01		.66									.67
STICKNEY W SIDE TREAT																.56										.56
WATERMAN	//									.35	.14															.49
-26th-																										
AUGUSTA HIGH SCHOOL		.03	.05																							.08
BEARDSTOWN LAGRANGE DAM	//		.02	.02								.02														.06
BELLEVILLE SCOTT AF BSE	//																				.11	.62	.05			.78
CAIRO WB CITY															.48						.49					.97
CARPENTER 1 SW																							.85	.12		.97
CISNE BROWN CAMP																								.31	.04	.35
COLLINSVILLE																						.69	.12			.81
COULTERVILLE																						.39	.01			.40
DIONA																									.10	.10
DOWNS 2 NE																									.01	.01
EFFINGHAM CAA	//																							.22	.23	.45
FARMER CITY		.08	.12	.02		.01	.04	.05																		.32
GOLCONDA DAM 51														.02	.03											.05
GREENFIELD															.01	.01					01	.07	.20	.08	.01	.45
JACKSONVILLE SEWAGE PL			.01	05	.03																	.04	.07	.03	.01	.24
LOUISVILLE																								.34	.15	.49
MAROA																								.01	.39	40
MORRISONVILLE																								.70	.10	.80
MT CARMEL WATER WORKS																									.16	.16
NEWTON																									.37	.37
PITTSFIELD WATER WORKS			.02	.06								.02									.03		.01			.14
PRAIRIE DU ROCHER W WKS																-	-	-	-	-	-	-	-	-	-	-
QUINCY CAA	6		*	*	*	*	*	.16	*	*	*	*	*	.03							*	*	*	*	*	-
QUINCY DAM 21		.01	.01	.05		.01						.09	.01							.09	.01					.28
RICHVIEW																							.40	.03		.43
SPRINGFIELD WB AIRPORT	//																							.07	.09	.16
SPRINGFIELD WB CITY																								.08	.08	.16
SULLIVAN WATER WORKS	//																								.17	.17
VANDALIA																							.20	.22	.15	.57
-27th-																										
BELLEVILLE SCOTT AF BSE	//	.01	.01																							.02
CAIRO WB CITY																.01	.42	.17	.05							.65

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CISNE BROWN CAMP		.01																	.04	.07	.08					.20
COULTERVILLE																	.04									.04
DANVILLE HOSPITAL					15	.01	.02	.12			.01	.01				.01										.33
DIONA		.10	03																				.01	.03		.17
DOWNS 2 NE		.12	.07	.01																						.20
EFFINGHAM CAA		.08	.01	.02																						.11
FAIRBURY WATER WORKS	/			.01	.02	.02	.02	.02																		.09
FARMER CITY					.08	.01			.05	.03																.17
GALATIA 1W															*	*	*	*	*	*	*	*	*	*	*	*
GLENDALE EXP FARM																	.02	.67	.15	.05	.04	.02				.95
GOLCONDA DAM 51																		.40	.09	01						.50
HOOPESTON					.03	.04	.01																			.08
LOUISVILLE		.02	.03	.03															.01	.17	.04	.01				.31
MAROA		.09	.07	.04																						.20
MT CARMEL WATER WORKS		.04																.02	.04	.13	.19	.15	.01	.03	.01	.62
NEWTON		.16	.06	01																.03	.01	.01	.01	.03	.01	.33
PARIS SEWAGE PLANT														.24	.15	.03										.42
QUINCY CAA	6	.08																								-
RANTOUL CHANUTE AF BASE	//			.17	.03	.01	.06	.02																		.29
RICHVIEW																			.06	.04						.10
SPRINGFIELD WB AIRPORT	/	.03																								.03
SPRINGFIELD WB CITY		.05																								.05
SULLIVAN WATER WORKS	//	.13	.04	.01																						.21
URBANA EXP FARM			.09	.02	.01	.11	.01																			.24
WEST FRANKFORT 8 E																						.78	1.14	.12	.02	2.06
–28th–																										
BEARDSTOWN LAGRANGE DAM	//																								.05	.05
DANVILLE HOSPITAL								.11	.79	.21	.12	.06	.09	.02	.01											1.41
DIONA		.02	.02	.01	.03	.04	.01	.02	.01					.01	.04	.01										.22
DOWNS 2 NE			.02	.02																						.04
DWIGHT STATE REFORM									.03	.01	.01	.01	.02	.01	.01											.10
EFFINGHAM CAA	//		.03	.01							.01	.01														.06
FAIRBURY WATER WORKS	//						.01	.03	.04	.01	.02															.11
GALATIA 1W		*	*	*	*	*	*	2.04																		2.04
GREENFIELD																								.20	.14	.34
HOOPESTON									.06	.09	.13	.06	.05	.05	.03											.47
JACKSONVILLE SEWAGE PL																								.09	.03	.12
KANKAKEE SEWAGE PLANT													.01	.03	.02	.01	.01									.08
KEWANEE BAKER PARK			.10		.02	.06	.01		.01											.02	.13	.05				.40
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
MAROA						.10																			.14	.24
MURPHYSBORO WATER WORKS	//															.01	.02	.01	.03							.07
NEWTON			.01	.03	.01								.20	.82	.01	.02										1.10
PARIS SEWAGE PLANT		.01	03		.01	.02	.04	.05	.03	.07	.04	.07														.37
PITTSFIELD WATER WORKS																								.09		.09
QUINCY CAA	6		*	*	*	*	*	.05																		-
RANTOUL CHANUTE AF BASE	//							.03	.02	.07	.06	.04	.01													.23
SPRINGFIELD WB AIRPORT	//																						.01	.02	.37	.40
SPRINGFIELD WB CITY																							.01	.07	.02	.10
SULLIVAN WATER WORKS	//		.02	.02	.01	.01	.01										.01	.01								.09
WEST FRANKFORT 8 E		.02																								.02
–29th–																										
BEARDSTOWN LAGRANGE DAM	//														.02	.04	.01	.01						.09	.11	.28
BELLEVILLE SCOTT AF BSE	/																					.25	.01	.36	.02	.64
CAIRO WB CITY																.23										.23
CARPENTER 1 SW																.04	.01	.01						.25	.68	.99
COLLINSVILLE																							.33	.07	.64	1.04
COULTERVILLE																									.26	.26
DANVILLE HOSPITAL									.15																	.15
DIONA				.03	.01	.47																				.51
DOUGLAS			.04	.01																						.05
FREEPORT SEWAGE PLANT																									.01	.01
GLENDALE EXP FARM																	.01	.02								.03
GOLCONDA DAM 51																.05	.16	.08	.01							.30
GREENFIELD		.01																					.36	.27	.12	76
ILLINOIS CITY DAM 16																							.08			.08
JACKSONVILLE SEWAGE PL																.16							.10	.07	.09	.42
MAROA		.04	.02																							.06
MASON CITY				.15																						.15
MORRISONVILLE																								.01	.02	.03
MT CARMEL WATER WORKS		.15																								.15
MURPHYSBORO WATER WORKS	/															.04	.04									.08
NEWTON			.05																							.05
PEORIA LOCK AND DAM	//	.03	.11	.01																						.15
PEORIA WB AIRPORT		.01																								.01
PITTSFIELD WATER WORKS														.05	.16		.01				.07	.02	.14	.09		.54
QUINCY CAA	6														*	*	*	*	*	.08	*	*	*	*	*	-
QUINCY DAM 21												.02	.06	.43									.08			.59
RANTOUL CHANUTE AF BASE	//					.05	.46																			.51
SPRINGFIELD WB AIRPORT	//	.24	.07																					.01	.03	.35
SPRINGFIELD WB CITY		.14	.01	.01																				.02	.06	.24
SULLIVAN WATER WORKS	//		.01	.13	.11																					.25
URBANA EXP FARM					.01	.06	.06	.05	.03	.08	.02	.01	.01	.03	.03	.01										.40
WASHINGTON			.01	.03																						.04
–30th–																										
ALEXIS WATER WORKS													.07	.03			.02									.12
BELLEVILLE SCOTT AF BSE	/	.05	.02	.01				.01																		.09
CAIRO WB CITY			.09	.02		.04				.06	.01			.18												.40
CARPENTER 1 SW		.07	.10		.01	.01																				.19
CHICAGO CAL TREAT WKS																					.10	.04				.14
CHICAGO LAKEVIEW PUMP																						.01				.01
CHICAGO LOYOLA UNIV					.03																	.01				.04
CHICAGO MAYFAIR PUMP ST																							.01			.01
CHICAGO ROSELAND PUMP																						.58				58
CHICAGO SAN DIST DISPAT																					.02	.05				.07
CHICAGO SAN DIST OFF																					.02	.07				.09
CHICAGO S FILTER PL																					.11	.01				.12
CHICAGO SPRINGFLD PUMP																						.02				.02
CHICAGO UNIVERSITY																					.24	.16				.40
CHICAGO WB AIRPORT																					.04	.03				.07
CHICAGO WB CITY																					.08	.08				.16
COLLINSVILLE		.13	.01																							.14
DWIGHT STATE REFORM																.01	.05									.06
EVANSTON PUMP STA																			.03							.03
FREEPORT SEWAGE PLANT						.01	.01									.69	.41								.04	1.16
GALATIA 1W				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GLENDALE EXP FARM				.23							.03	.11	.07	.05												.49
GOLCONDA DAM 51											.01	.24	.13	.02												.40
GREENFIELD		03	.02																							.05
ILLINOIS CITY DAM 16																	.03									.03

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JACKSONVILLE SEWAGE PL		.04	.02	.01	.01	.01																				.09
JOLIET WB AIRPORT	6	*	*	*	*	*	*	.03																		-
LOUISVILLE		.04	.01	.01																						.06
MAROA																							.01	.04		.05
MOLINE WB AIRPORT	//																							.08		.08
MORRISONVILLE		05	.02				.01																			.08
MT CARMEL WATER WORKS													.04	.04	.01											.09
QUINCY CAA	6	.08	*	*	*	*	*	.02																		-
QUINCY DAM 21		.01																								.01
RANTOUL CHANUTE AF BASE	//																					.10				.10
RICHVIEW		.03	.03	.02	.01		.01				.02	.02	.01													.15
SKOKIE N S TREAT WKS																						.01				.01
SPRINGFIELD WB AIRPORT	//			.02		.01																				.03
SPRINGFIELD WB CITY		.01		.02	.02																					.05
STICKNEY W SIDE TREAT																					.01	.03				.04
VANDALIA		.05	.01		.01	.01																				.08
WEST FRANKFORT 8 E						.06										.04	.03									.13
FREEPORT SEWAGE PLANT		.01																								.01
GALATIA 1W		*	*	*	*	*	*	.39																		.39
HUTSONVILLE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIPER CITY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRAIRIE DU ROCHER W WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-											-

—31st—

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	56	66	76	81	78	75	72	62	68	64	70	76	80	82	78	72	76	80	74	80	75	76	86	90	85	74	65	73	78	76	75	74.8
	MIN	32	38	52	60	58	46	41	39	56	44	50	47	53	53	53	46	45	53	51	64	51	50	58	65	67	56	52	54	55	61	50	51.6
ALTON DAM 26	MAX	57	72	80	81	84	84	75	67	78	63	60	74	79	78	82	80	82	82	70	78	77	86	91	92	90	82	73	82	83	82	78	78.1
	MIN	38	44	49	57	58	47	49	48	52	53	48	46	48	58	55	54	58	68	60	57	55	54	58	61	64	60	52	56	62	62	60	54.5
ANNA	MAX	55	62	76	75	81	77	67	75	81	74	64	70	73	76	83	83	85	81	71	76	80	83	86	88	87	89	85	83	83	74	79	77.5
	MIN	45	47	57	66	70	51	52	58	65	57	54	51	48	55	53	54	61	56	59	55	57	50	61	65	61	61	61	61	58	61	61	57.1
ANTIOCH	MAX	54	55	64	69	80	83	69	58	69	65	68	77	74	80	77	57	67	64	71	68	70	67	80	89	88	61	60	65	72	78	75	70.1
	MIN	33	32	38	44	46	55	40	34	48	44	43	49	43	43	50	37	43	42	41	48	45	49	50	58	60	47	42	44	46	50	58	45.2
AURORA COLLEGE	MAX	55	60	72	78	80	72	61	65	74	65	66	75	76	79	74	64	74	66	76	72	75	74	82	90	86	64	63	67	80	82	75	72.3
	MIN	34	34	46	60	57	50	43	37	51	45	46	43	53	43	52	40	43	45	45	50	50	49	47	63	57	50	45	47	50	56	60	48.1
BELLEVILLE SCOTT AF	MAX	56	69	78	79	84	79	74	71	79	69	58	71	76	74	80	80	82	82	70	77	77	80	89	89	87	80	77	80	78	78	75	76.7
	MIN	43	50	58	64	60	47	51	51	58	55	51	49	48	58	58	53	58	52	59	58	56	55	60	64	65	65	57	59	60	63	63	56.4
BLOOMINGTON NORMAL	MAX	57	67	79	78	82	80	76	64	75	70	66	74	79	80	79	78	77	82	81	78	76	73	88	93	90	85	69	69	80	80	79	76.9
	MIN	35	43	54	64	68	49	49	40	58	48	59	46	50	53	50	44	52	48	50	56	55	52	54	63	68	52	50	53	55	64	59	52.9
CAIRO WB CITY	MAX	55	66	77	80	82	67	68	76	83	75	64	72	75	77	84	85	88	83	70	78	85	87	91	89	89	87	83	84	85	78	80	78.8
	MIN	49	50	61	69	67	58	57	62	71	60	56	55	54	61	60	61	65	63	64	60	61	58	63	70	68	68	66	66	65	64	66	61.9
CARBONDALE SEWAGE PL	MAX	55	62	78	80	83	79	71	77	80	74	60	71	76	77	83	83	86	82	77	77	82	80	86	89	88	89	85	84	82	76	77	78.5
	MIN	47	48	58	65	70	49	52	56	64	58	54	53	47	56	52	51	60	53	59	51	54	53	60	60	60	62	63	63	59	62	62	56.8
CARLINVILLE 4E	MAX	59	71	78	81	83	77	76	69	75	67	61	72	77	75	79	79	79	82	76	77	75	77	89	90	89	78	74	80	84	78	75	76.8
	MIN	36	46	57	65		43	45	45	54	52	53	44	47	50	51	43	53	46	55	51	54	52	55	62	64	58	50	56	61	61	57	52.2
CARLYLE	MAX	58	67	80	78	85	77	74	72	79	69	60	70	78	71	82	81	83	83	75		78	80	90	91	89	82	77		80	74	76	77.2
	MIN	44	51	57	66	72	49	50	52	65	53	53	48	47	55	53	49	61	51	58	58	57	54	62	62	63	62	59	65	64	65	65	57.1
CHARLESTON	MAX	60	70	77	85	82	81	77			77	66	75	79	80	86	82	85	85	82	80	80			90	90	88	79	74	82	79	78	79.6
	MIN	42	47	55	66	69	47	47			53	54	47	46	49	54	44	54	49	56	52	53			63	62	57	52	57	60	61	61	54.0
CHICAGO HEIGHTS	MAX	58	58	73	81	81	61	53	65	73	68	63	76	76	80	74					65	78	72	85	93	90		55	68	78	81	75	72.3
	MIN	33	34	45	47	53	51	40	35	52	47	45	47	49	44	51					48	53	53	48	63	63	46	45	43	48	62	55	48.1
CHICAGO UNIVERSITY	MAX	50	53	66	75	81	73	59	61	73	66	62	75	72	80	66	49	58	57	66	62	69	65	77	92	87	50	52	58	63	81	75	66.9
	MIN	39	40	50	44	54	51	40	42	55	49	50	51	46	48	46	44	46	45	48	54	54	53	54	65	50	46	45	48	53	57	62	49.3
CHICAGO WB AIRPORT	MAX	55	57	71	79	82	74	57	66	74	66	67	76	74	80	69	80	72	64	75	70	79	68	87	93	90	56	59	70	75	86	77	71.9
	MIN	37	37	50	53	54	50	40	42	52	49	48	48	48	48	47	43	46	46	46	52	51	54	51	65	52	47	47	48	55	58	59	49.1
CHICAGO WB CITY	MAX	51	51	63	76	80	72	62	56	74	67	60	76	74	81	61	50	59	56	66	62	67	61	78	92	85	50	51	58	63	78	77	66.4
	MIN	41	41	48	47	64	59	41	42	56	51	51	53	47	48	47	44	46	45	48	53	53	53	59	69	50	46	47	50	55	59	65	50.9
CICERO	MAX	57	59	70	80	82	75	73	65	76	68	67	78	77	84	73	61	74	66	74	71	77	69	86	93	88	57	60	70	76	84	79	73.2
	MIN	35	39	47	55	52	50	40	39	53	49	48	47	56	48	49	42	46	45	47	53	53	57	50	64	56	47	45	48	54	58	61	49.5
DANVILLE	MAX	61	65	77	80	82	83	70	67	76	74	64	75	81	80	84	78	80	82	77	75	81	71	88	91	92	75	70	62	80	83	78	76.8
	MIN	41	45	54	65	60	49	45	42	57	51	51	42	49	49	52	45	51	43	50	49	48	53	52	62	67	57	50	55	52	61	60	51.8
DECATUR	MAX	60	72	81	81	84	80	77	67	79	70	61	71	81	82	83	81	82	85	73	82	74	75	92	93	90	72	73	71	82	77	77	77.7
	MIN	40	46	56	66	67	47	49	43	59	50	54	45	50	50	54	45	55	55	55	58	56	52	55	64	66	53	50	54	59	63	59	54.0
DIXON	MAX	54	63	73	79	79	72	72	62	69	65	69	77	78	81	77	74	75	74	79	79	75	75	80	91	87	74	69	72	82	83	76	74.7
	MIN	31	36	47	61	67	46	41	36	52	45	46	46	56	49	50	42	40	46	45	53	51	53	48	66	64	56	47	51	49	59	50	49.3
DU QUOIN	MAX	54	62	78	80	82	77	75	74	70	75	65	72	76	76	83	83	76	82	78	80	81	81	87	89	88	87	80	82	79	73	77	77.5
	MIN	46	48	58	60	71	51	52	55	65	55	53	52	50	52	55	52	61	53	63	59	58	53	53	64	64	65	63	63	61	62	64	57.5
EAST ST LOUIS	MAX	57	71	82	83	86	78	76	72	78	68	59	72	72	77	83	80	84	84	78	78	80	85	93	92	89	82	77	83	80	80	78	78.6
	MIN	41	51	58	68	71	53	51	51	66	56	53	49	49	60	55	52	62	53	62	57	60	55	61	65	65	67	56	63	61	63	63	58.0
EFFINGHAM CAA	MAX	58	67	78	83	82	75	75	65	79	67	60	70	75	78	81	79	80	81	75	77	79	73	86	87	87	80	72	77	80	76	77	76.1
	MIN	40	48	55	65	57	46	46	47	58	53	52	47	44	50	51	45	52	49	56	54	53	50	54	60	60	55	53	58	61	62	56	52.8
ELIZABETHTOWN	MAX	58	62	80	79	83	80	66	78	85	79	65	70	75	78	84	85	87	85	76	78	83	87	87	89	88	88	84	84	83	73	78	79.3
	MIN	47	48	58	66	69	54	53	56	64	60	56	54	46	54	54	53	56	54	60	59	59	60	62	65	61	61	62	63	60	60	60	57.9
FAIRFIELD	MAX	55	61	77	81	84	80	78	73	79	71	65	71	75	78	82	80	85	82	75	80	80	81	89	90	90	90	88	81	82	84	79	78.9
	MIN	45	48	57	65	70	50	49	50	55	55	55	53	46	53	55	50	59	53	58	60	56	52	61	61	63	66	61	66	63	62	61	56.7
FLORA	MAX						80	73			78	61	69	74	77	82	80	83	82	78	77	80	80	88	90	90	83	82	80	83	80	81	79.6
	MIN						52	47				54	50	47	52	55	50	61	51	57	58	55	53	59	62	65	62	59	63	62	62	63	56.5
FREEPORT	MAX	55	62	67	78	79	71	61	62	66	64	72	76	79	82	76	66	74	74	78	80	67	75	81	89	77	68	72	72	81	76	72	72.6
	MIN	32	32	46	55	54	47	37	35	50	44	41	47	52	47	46	40	39	44	44	50	49	54	47	66	61	53	45	45	46	57	49	46.9
FULTON DAM 13	MAX	48	60	66	72	77	65	65	60	59	58	65	66	68	70	66	67	72	71	75	77	71	75	80	85	82	66	68	72	80	75	71	69.4
	MIN	34	38	50	54	54	49	47	38	53	48	49	52	56	52	56	45	46	49	49	57	54	54	55	66	63	57	49	53	54	62	56	51.6
GALESBURG	MAX	56	69	76	82	75	76	68	64	72	67	71	75	80	81	78	72	77	86	72	80	65	76	89	90	79	70	63	74	78	76	72	74.5
	MIN	34	39	54	60	50	48	43	40	54	48	51	49	54	56	54	48	46	55	52	61	55	52	57	65	64	58	53	56	55	62	55	52.5
GALVA	MAX	56	66	77	79	80	75	71	67	72	66	68	76	80	83	77	70	75	77	75	80	71	75	86	90	82	79	70	73	80	78	75	75.1
	MIN	33	37	53	60	58	46	45	38	56	44	49	45	52	52	52	44	44	47	47	56	52	49	54	66	65	55	50	53	53	60	52	50.5
GOLCONDA DAM 51	MAX	54	62	86	88	92	86	74	76	84	82	74	78	74	84	80	82	86	80	76	74	80	82	85	88	86	86	84	82	83	72	76	79.9
	MIN	46	48	56	64	68	54	54	56	65	56	54	52	46	54	55	55	60	58	58	60	60	54	55	64	62	64	64	64	61	61	60	57.6
GREENVILLE	MAX	58	69	78	80	83	76	73	63	78	68	59	69	75	69	79	76	80	80			76	75	87	87	87	79	76	78	79	73	75	75.3
	MIN	41	48	56	64	69	48	50	48	59	52	53	48	49	56	55	50	57	55			56	53	58	61	63	64	53	60	62	61	60	55.5
GRIGGSVILLE	MAX	58	71	81	85	82	80	78	75	72	70	66	75	80	80	77	80	79	85	75	80	76	80	91	91	88	73	68	78	79	77	76	77.6
	MIN	35	43	54	65	62	45	48	41	53	48	50	45	48	55	53	47	53	54	51	61	53	52	58	63	61	55	50	53	59	58	51	52.4
HARRISBURG	MAX	59	61	82	79	85	77	70	76	85	75	65	70	77	78	83	80	87	80	71	78	84	80	89	91	89	89	88	84	84	74	78	79.0
	MIN	47	47	57	67	70	51	51	57	59	58	57	52	46	55	53	52	57	52	58	59	55	51	62	62	61	61	62	64	59	62	61	56.9
HAVANA	MAX	59	70	79	82	81	79	74	62	70	68	68	76	80	81	78	77	78	84	76	80	70	76	90	92	88	73	70	76	80	78		76.4
	MIN	35	43	57	63	65	52	51	42	58	48	52	45	50	51	56	46	53	51	52	60	56	55	58	62	66	57	54	56	59	64		53.9
HENRY	MAX	57	66	74	78	77	77	69	68	73	70	67	77	80	80	78	73	77	78	75	73	68	74	78	87	91	84	71	73	85	78	78	75.3
	MIN	32	37	54	61	60	50	50	41	59	51	51	49	56	47	51	42	42	46	46	54	58	52	55	63	62	55	54	53	51	61	52	51.5
HILLSBORO	MAX	58	70	78	77	83	76	75	66	78	66	62	71	78	74	81	78	80	82	72	77	76	76	89	90	88	89	75	77	81	75	76	76.6
	MIN	38	47	56	65	70	49	49	47	58	52	52	46	46	52	53	47	57	50	57	57	55	52	58	63	65	63	56	58	62	62	58	54.8
HOOPESTON	MAX	59	65	79	82	81	78	68	67	77	69	65	75	80	79	81	77	79	80	79	78	80	69	87	90	90	66	69	53	79	79	77	75.7
	MIN	37	34	52	63	64	46	45	40	56	46	48	43	48	49	53	40	49	43	51	50	50	53	52	60	65	49	49	53	52	60	61	50.4
JACKSONVILLE	MAX	59	72	80	85	82	80	77	72	73	69	66	76	81	80	80	80	81	85	78	81	76	80	91	93	88	73	70	78	80	79	77	78.1
	MIN	35	47	58	65	68	46	49	45	56	48	53	44	46	53	54	48	55	51	56	55	57	55	58	61	66	58	51	55	60	62	57	53.9

See reference notes following Station Index.

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE	MAX	57	72	82	83	82	82	80	76	76	69	64	72	79	78	80	80	80	83	83	77	77	79	91	92	88	85	78	78	79	76	75	78.5
	MIN	37	47	56	65	70	47	50	47	57	54	54	46	49	59	55	50	59	55	58	57	57	53	59	61	71	70	52	57	63	62	59	56.0
JOLIET WB AIRPORT	MAX	55	63	74	79	80	74	58	65	72	67	65	76	77	80	72	65	76	67	80	75	76	68	85	91	86	60	63	66	81	82	77	72.8
	MIN	33	34	50	58	53	49	38	38	51	47	45	42	47	43	44	42	43	43	46	51	49	50	46	61	51	48	47	47	50	60	58	47.2
KANKAKEE	MAX	56	56	75	80	80	75	73	67	74	67	62	73	78	78	74	69	77	71	77	76	78	66	82	90	88	69	63	61	78	78	75	73.4
	MIN	36	40	50	61	66	50	46	38	48	48	46	45	55	49	54	43	45	44	44	48	49	49	51	63	65	46	47	48	49	61	61	49.8
KANKAKEE 4 W	MAX	55	65	76	80	81	75	70	67	74	68	61	74	77	78	76	69	75	72	77	75	76	68	81	90	90	69	61	60	76	78	75	73.2
	MIN	34	35	49	59	65	48	45	36	53	45	45	43	53	46	47	40	42	41	43	48	48	51	49	58	64	46	46	46	48	60	60	48.2
KEWANEE	MAX	54	64	68	79	78	74	66	62	71	68	67	75	78	81	75	71	74	76	77	78	71	76	87	81	78	73	68	71	81	76	72	73.2
	MIN	33	34	53	64	61	48	43	37	53	46	49	49	53	50	54	42	43	48	50	60	48	49	53	64	64	54	50	52	53	61	54	50.7
LA HARPE	MAX	57	69	79	84	82	79	75	62	72	69	70	76	80	81	76	76	78	86	80	80	78	77	82	80	86	75	69	76	77	75	75	76.6
	MIN	32	40	52	63	63	47	49	42	55	46	51	45	48	54	54	47	49	51	52	56	54	55	57	63	62	58	51	51	56	60	51	52.1
LA SALLE	MAX	54	67	78	83	81	76	67	67	74	67	67	78	80	83	77	74	76	80	82	82	70	76	88	94	88	74	71	73	87	85	79	76 7
	MIN	35	35	54	63	62	53	47	38	57	52	50	48	57	47	53	43	43	48	46	55	52	51	50	67	67	55	50	53	51	60	57	51.6
LINCOLN	MAX	60	71	78	83	83	80	75	65	75	69	63	71	80	82	81	78	80	85	78	81	75	76	92	93	90	74	73	73	82	80	79	77.6
	MIN	37	45	56	64	65	49	50	43	58	55	50	45	49	50	62	43	53	53	54	58	59	52	56	62	66	54	50	55	57	63	56	53.8
MARENGO	MAX	55	60	69	77	80	72	63	67	77	65	71	78	78	83	76	62	76	68	78	75	77	74	82	91	80	70	70	73	81	86	74	73.8
	MIN	33	30	39	51	60	49	39	33	49	44	42	47	54	41	48	38	40	42	39	43	40	50	47	64	60	50	40	40	43	51	54	45.2
MATTOON	MAX	58	67	76	82	81	75	75	65	76	66	60	72	76	79	81	77	82	82	75	79	80	71	87	89	89	76	71	74	79	76	75	75.8
	MIN	40	47	55	65	58	45	47	45	58	53	51	47	47	48	53	46	58	50	57	55	53	52	56	64	63	52	51	57	60	63	55	53.3
MC LEANSBORO	MAX	57	62	78	76	82	80	75	74	81	75	69	71	75	78	85	82	85	82	76	80	81	79	88	89	89	89	88	82	83	73	80	78.8
	MIN	46	46	57	65	70	50	50	53	62	56	54	53	46	54	55	52	60	53	60	62	57	51	62	61	61	63	62	73	61	62	61	57.4
MINONK	MAX	55	64	77	74	81	75	72	66	74	74	64	76	79	81	76	73	77	79	79	78	72	74	89	92	91	84	68	67	82	81	79	75.9
	MIN	34	40	52	56	61	51	47	38	54	47	51	51	52	51	53	41	45	45	53	55	52	50	52	61	62	51	52	52	51	58	52	50.6
MOLINE WB AIRPORT	MAX	54	65	75	79	78	74	65	61	68	63	69	76	78	80	75	64	75	76	73	79	66	75	83	90	77	66	60	72	80	76	74	72.6
	MIN	34	36	52	60	52	48	41	39	52	47	50	49	56	53	56	45	44	50	50	58	51	50	58	68	62	56	51	54	54	63	55	51.4
MONMOUTH AIRPORT	MAX	57	67	74	82	76	76	71	64	71	65	73	75	80	80	81	73	77	81	76	78	75	75	87	90	85	75	66	72	81	75	78	75.4
	MIN	31	37	52	52	60	47	45	40	55	47	41	48	50	50	50	44	45	52	50	50	52	51	51	56	54	56	52	53	57	59	51	49.6
MORRIS 3 NE	MAX	53	64	76	82	80	78	75	66	74	74	66	77	80	82	79	73	77	75	78	77	77	68	82	90	89	80	63	64	81	81	79	75.5
	MIN	34	33	48	58	64	48	45	36	53	47	46	44	53	45	53	40	42	42	42	51	50	52	49	53	63	48	47	48	47	60	59	48.4
MORRISON	MAX	56	65	73	80	80	74	65	62	68	65	70	78	80	82	79	68	77	74	78	81	71	77	83	91	81	70	70	74	83	80	75	74.5
	MIN	31	38	49	49	59	50	42	38	53	46	47	47	57	50	52	42	43	48	47	56	52	51	54	63	63	57	49	50	50	61	52	49.9
MORRISONVILLE 1 E	MAX	59	69	78	76	77	77	75	71	77	65	61	71	76	76	80	78	79	82	74	76	76	75	88	89	86	77	68	68	81	71		75.3
	MIN	38	47	55	64	63	46	48	45	58	51	53	45	45	51	51	44	56	51	55	58	55	53	55	60	65	57	51	55	60	58		53.1
MT CARMEL	MAX	58	60	80	82	85	80	75	76	76	75	68	72	78	80	85	83	85	81	81	81	83	80	90	90	90	89	88	87	83	78	80	80.0
	MIN	45	48	36	65	68	50	55	50	60	52	55	52	45	53	58	50	56	51	57	55	53	52	57	62	63	64	60	50	62	59	62	55.0
MOUNT CARROLL	MAX	54	62	69	77	78	71	68	59	67	63	70	75	77	80	75	70	73	74	79	79	72	76	82	88	82	69	72	74	82	76	72	73.1
	MIN	31	34	49	58	56	48	39	36	51	47	44	49	55	49	50	41	38	47	41	54	51	51	48	67	62	55	47	51	48	60	53	48.7
MT VERNON	MAX	57	63	80	77	82	77	77	75	82	85	65	74	80	80	85	84	85	86	75	82	83	79	89	91	90	87	78	84	83	76	78	79.1
	MIN	46	51	57	65	69	50	50	54	64	55	54	52	51	55	54	53	60	54	60	56	55	52	57	59	62	64	62	65	61	63	64	57.2
NEW BURNSIDE	MAX	55	62	78	76	82	78	69	77	82	75	63	67	73	75	80	79	85	80	70	75	82	79	84	87	87	87	86	79	81	72	75	76.8
	MIN	45	46	56	65	70	50	49	55	66	57	54	52	48	52	50	51	60	52	58	55	56	50	58	61	60	60	62	62	55	60	60	56.1
NEWTON	MAX	60	68	80	86	83	78	75	70	80	74	62	72	77	79	84	84	86	85	82	81	82	80	90	91	90	85	76	77	82	77	79	79.2
	MIN	42	50	56	65	68	45	46	50	58	53	55	48	43	48	50	45	55	47	56	51	51	50	54	56	61	60	56	62	60	62	61	53.7
OLNEY RADIO STA	MAX	58	63	77	80	82	80	78	78	76	75	63	70	77	79	84	79	84	83	80	77	83	74	87	88	87	84	78	81	82	79	77	78.2
	MIN	45	52	57	67	70	51	46	51	61	54	56	51	44	51	53	49	59	51	57	56	55	53	56	63	64	62	60	65	67	63	61	56.5
OTTAWA	MAX	55	66	75	80	81	76	68	67	73	68	66	77	82	82	80	72	80	77	81	80	71	74	85	86	87	75	68	69	83	81	79	75.0
	MIN	35	36	53	61	63	50	47	39	56	51	50	47	55	48	54	44	45	47	46	55	53	51	52	67	66	53	49	52	51	61	59	51.5
PALESTINE	MAX	59	64	77	85	83	75	74	70	77	69	62	72	78	80	84	80	83	81	78	78	72	73	80	89	90	85	77	76	84	78	78	77.4
	MIN	47	51	55	65	64	48	48	48	58	53	55	50	47	50	53	47	57	49	56	54	50	51	57	60	63	63	55	63	62	61	59	54.8
PANA	MAX	60	71	78	85	83	78	79	64	80	70	63	74	80	82	83	81	80	86	75	82	82	77	92	92	93	81	74	79	86	79	78	78.9
	MIN	41	47	56	65	69	53	50	45	58	54	53	46	47	52	55	46	56	51	56	58	54	51	56	62	65	58	51	57	60	62	61	54.7
PARIS WATER WORKS	MAX	59	68	77	87	82	75	75	71	81	70	62	78	79	82	83	80	83	84	84	80	83	75	88	90	90	80	74	70	83	80	76	78.4
	MIN	42	46	55	65	56	44	47	45	57	54	53	45	47	48	52	41	52	48	53	50	48	51	56	65	64	57	52	56	55	59	60	52.7
PEORIA WB AIRPORT	MAX	55	68	77	80	79	76	70	62	70	66	65	74	78	82	77	74	75	81	73	79	68	75	89	92	84	72	67	72	80	77	76	74.6
	MIN	34	43	55	62	55	50	43	41	54	48	50	46	51	55	55	46	51	54	52	62	53	53	56	62	63	55	53	54	55	63	56	52.6
PONTIAC	MAX	55	56	77	79	80	76	73	65	75	67	62	72	78	78	77	73	75	77	77	78	74	70	85	90	87	79	67	64	78	78	76	74.5
	MIN	36	40	53	53	66	48	49	39	55	48	48	45	52	50	55	43	44	46	48	53	58	53	51	66	66	51	49	51	50	61	60	51.2
QUINCY	MAX	58	72	85	90	82	82	76	71	74	70	70	79	83	82	77	81	82	87	78	78	73	82	92	93	86	70	66	76	72	72	77	77.9
	MIN	36	45	56	67	60	49	51	46	57	50	52	47	51	60	56	54	54	57	57	57	57	54	62	67	70	60	55	55	62	62	55	55.5
QUINCY CAA	MAX	57	71	83	87	78	79	76	65	71	68	67	75	79	78	76	79	78	85	68	79	71	78	88	89	82	68	63	77	75	70	74	75.3
	MIN	34	45	53	64	49	45	47	43	54	46	47	43	50	57	54	48	53	56	56	56	55	53	61	64	61	57	53	52	59	60	50	52.4
RANTOUL CHANUTE AF	MAX	57	66	77	79	80	76	70	66	75	68	60	75	80	78	79	75	78	81	77	76	78	70	87	91	88	65	68	63	78	80	76	74.7
	MIN	40	45	54	64	57	49	43	42	57	50	50	48	52	53	48	45	52	52	52	53	51	53	52	63	65	51	50	54	54	62	59	52.3
ROBERTS 3 N	MAX	56	65	76	80	80	77	75	68	74	67	62	75	78	79	76	75	77	78	78	76	75	69	85	90	90	72	64	62	79	80	77	74.7
	MIN	36	41	52	61	63	45	46	38	55	47	46	44	50	50	54	41	45	44	47	49	47	52	51	62	65	47	47	50	49	59	60	49.8
ROCKFORD	MAX	55	60	68	79	80	72	70	66	68	65	71	77	77	82	77	73	75	73	78	78	73	74	82	91	87	73	68	69	86	82	75	74.3
	MIN	32	35	44	55	67	49	40	35	50	42	44	49	55	47	48	40	43	45	45	50	49	53	49	66	63	55	45	44	46	56	64	48.5
ROCKFORD CAA	MAX	54	62	66	77	80	70	55	65	70	63	70	78	78	81	74	63	73	71	77	77	75	72	80	90	78	67	68	69	80	79	74	72.1
	MIN	33	34	48	54	50	49	36	36	49	45	43	49	47	45	44	38	43	45	45	52	50	53	50	65	56	47	45	44	46	57	53	46.8
RUSHVILLE	MAX	57	70	78	83	78	78	75	72	68	70	67	76	80	78	79	76	76	85	76	78	72	78	85	89	84	71	65	70	77	75	76	75.5
	MIN	36	45	56	64	62	49	54	45	48	55	54	48	50	56	50	52	54	55	56	60	56	55	58	60	64	60	55	56	56	58	55	54.3
SPARTA	MAX	54	67	79	78	84	80	76	75	78	69	61	71	77	77	82	81	85	83	77	79	80	81	90	90	89	85	78	81	79	74	78	78.0
	MIN	43	49	56	67	70	49	51	54	64	54	54	53	47	56	56	52	59	53	61	57	55	52	59	63	64	64	62	61	60	61	63	57.1
SPRINGFIELD WB AIRPORT	MAX	57	70	78	82	82	78	77	63	77	68	61	74	78	77	78	79	78	83	71	80	73	76	90	91	89	74	71	76	80	76	75	76.2
	MIN	39	47	57	66	55	46	46	44	57	50	47	44	50	55	53	47	56	54	55	60	52	53	58	65	64	53	51	56	59	63	54	53.4
SPRINGFIELD WB CITY	MAX	59	72	79	84	84	80	77	63	76	71	62	75	80	80	80	79	80	83	71	81	74	77	82	94	91	75	71	75	82	77	77	77.5
	MIN	41	48	57	67	58	51	48	45	60	54	53	50	53	58	58	50	59	58	57	62	56	56	60	66	69	53	51	56	61	65	61	56.2

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STOCKTON	MAX	52	59	66	77	77	68	66	58	65	61	69	75	75	79	72	69	71	70	76	77	70	74	79	86	84	65	66	67	78	75	71	70.9
	MIN	30	31	45	53	57	46	34	34	48	44	41	47	50	49	45	39	36	42	43	51	48	52	53	66	59	52	44	45	47	56	51	46.4
SYCAMORE	MAX	54	59	69	78	79	72	57	64	70	63	69	77	78	81	74	68	73	69	78	75	75	74	80	91	84	71	66	68	82	84	74	72.8
	MIN	32	33	42	57	57	46	40	34	49	44	45	47	55	45	50	48	42	43	43	50	48	51	50	62	52	37	44	46	47	55	54	47.0
TABLE GROVE	MAX	55	68	79	83	79	78	72	59	70	67	65	75	80	81	76	78	76	85	73	79	69	76	90	91	83	72	65	75	78	74	75	75.0
	MIN	34	43	55	61	59	48	51	43	58	48	52	47	50	56	55	48	51	55	52	59	55	54	58	64	66	57	55	55	59	62	53	53.6
TUSCOLA	MAX	60	69	78	85	83	78	76	67	79	71	70	78	80	83	84	80	83	85	78	79	80	75	90	91	92	88	71	68	82	78	78	78.7
	MIN	37	46	55	64	67	45	45	44	58	50	53	42	47	46	51	41	54	47	54	53	51	52	54	61	64	54	52	55	57	56	61	52.1
URBANA	MAX	59	66	76	80	80	77	72	68	75	69	60	74	79	79	81	77	80	83	76	76	78	71	89	91	90	78	70	65	79	79	77	75.9
	MIN	41	44	55	64	67	49	54	42	58	50	52	46	50	52	56	44	53	50	53	53	52	53	55	63	66	52	50	54	55	62	62	53.5
VIRDEN	MAX	60	71	77	81	84	77	78	76	75	69	66	73	77	76	79	79	79	82	77	78	74	77	88	89	88	81	71	77	80	76	75	77.1
	MIN	37	46	55	64	69	44	48	44	55	50	53	46	46	54	53	46	55	53	55	57	55	52	58	60	68	58	50	55	60	61	56	53.6
WALNUT	MAX	54	65	75	80	80	74	71	62	70	63	68	68	79	82	77	78	75	75	88	89	79	80	82	92	81	75	76	72	80	83	86	76.1
	MIN	31	39	51	61	66	47	44	38	56	46	49	47	49	49	50	42	42	48	47	55	51	51	53	64	65	56	49	53	51	60	53	50.4
WATSEKA	MAX	57	65	77	81	81	77	74	67	75	71	65	76	81	80	77	74	78	77	79	77	79	66	83	91	90	65	66	62	79	78	78	75.0
	MIN	39	42	50	62	66	50	47	39	56	48	47	45	51	48	52	43	47	45	48	49	47	54	51	62	64	48	49	51	49	62	62	50.7
WAUKEGAN	MAX	54	52	57	62	81	72	67	55	73	63	63	77	73	81	77	53	60	59	67	64	67	64	77	91	85	54	58	61	69	72	75	67.2
	MIN	33	31	39	41	43	49	39	36	45	45	41	46	47	42	47	39	42	41	41	47	47	49	47	56	52	45	43	42	44	49	58	44.1
WHITE HALL 1 E	MAX	58	72	81	82	82	80	80	77	73	70	69	73	79	78	77	81	79	83	80	78	76	79	90	92	89	82	75	78	79	78	74	78.1
	MIN	35	47	57	64	70	47	47	46	54	50	53	44	45	54	52	50	55	51	56	59	56	53	56	61	64	59	51	57	62	62	57	54.0
WINDSOR	MAX	60	68	78	83	82	76	75	65	76	68	63	72	76	79	82	78	80	84	80	78	79	73	89	89	90	82	71	75	82	77	76	77.0
	MIN	39	45	54	64	68	45	48	43	56	53	53	44	47	48	54	42	53	49	55	50	53	51	55	62	62	57	51	55	58	61	60	52.7

EVAPORATION AND WIND

Table 6

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Carbondale Sewage Plant	EVAP	.24	*	.04	.14	.02	.37	.16	.14	-	.19	.28	.47	.24	.19	.05	.33	.22	.13	*	.42	*	.48	.14	.32	.32	.27	*	.49	.25	*	.09	6.19B
	WIND	63	40	37	90	150	200	60	52	78	130	33	67	30	30	10	30	27	23	40	30	24	46	50	80	70	70	24	27	31	42	36	1720
Springfield WB Airport	EVAP	.08	.20	.20	.23	.28	.53	.41	.23	.24	.29	.16	.07	.23	.50	.23	.39	.22	.40	.31	.10	.38	.10	.20	.43	.47	.31	.21	.16	.19	.15	.19	8.09
	WIND	120	100	100	178	219	279	137	99	116	173	57	44	39	71	62	127	42	115	57	65	90	70	55	107	132	102	103	78	40	58	76	3111

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the postoffice. Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin. Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown. Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time. Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830.

- No record in Tables 3, 4, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record.
R Station equipped with recording gage only.
T Trace, an amount too small to measure.
V Includes total for previous month.
Z Hourly amounts from a recording gage at the same site may be found in Table 4.
SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 15 cents per copy; monthly and annual; $1.50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 811 Fidelity Building, Kansas City 6, Missouri.

W.B.O., Kansas City, Mo., -- 7-21-50 -- 1200

STATION INDEX

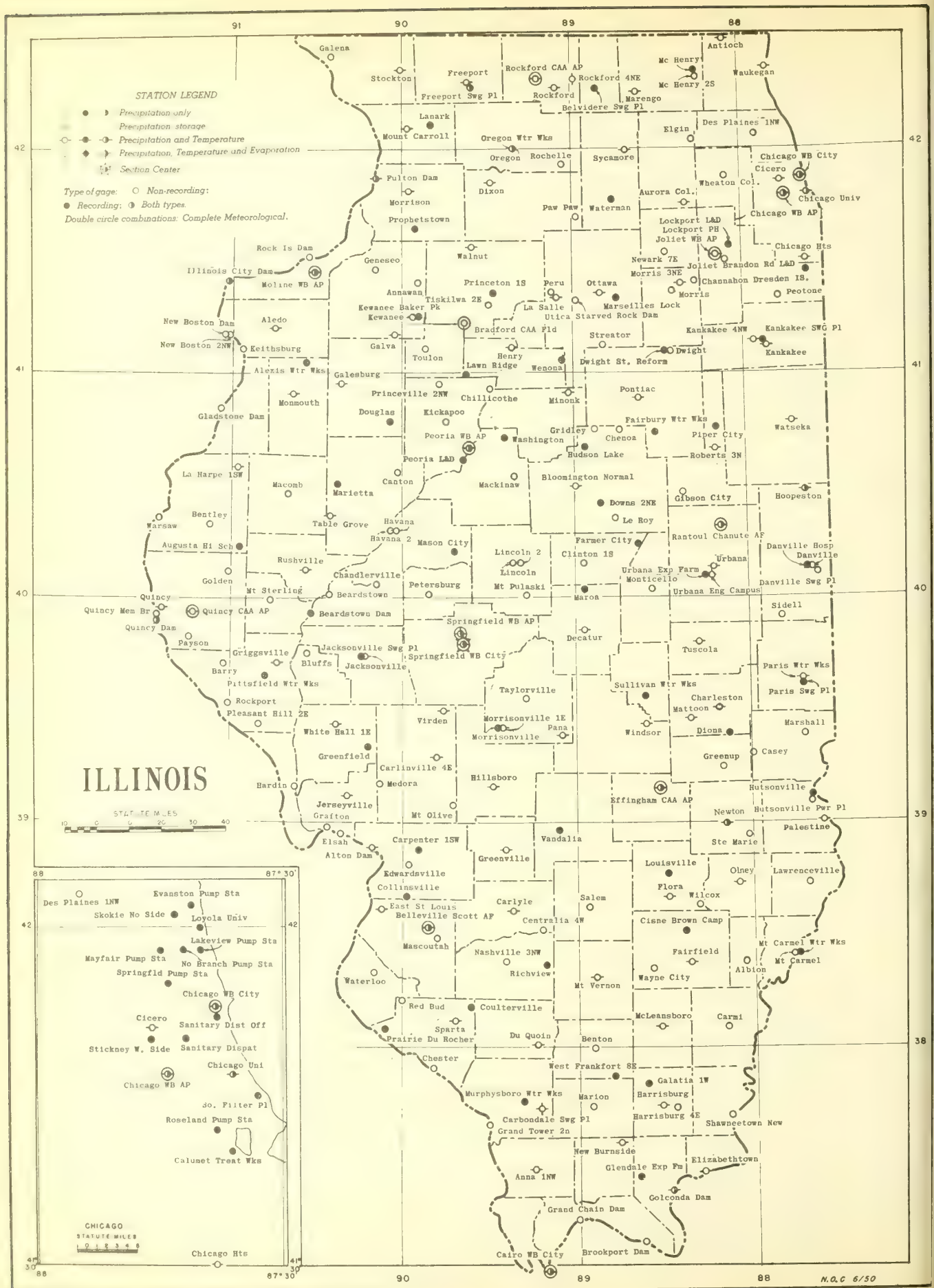
Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Albion	0055	Edwards	7	38 22	88 03	447		6P	Mrs. Bessie Ellen	3
Aledo	0072	Mercer	4	41 12	90 45	739	6P	6P	J. W. Parkinson	2 3 5
Alexis Water Works	0082	Warren	2	41 01	90 34	694		MID	Municipal Wtr Wks	3 4
Alton Dam 26	0137	Madison	4	38 53	90 11	432	MID	7A	Corps of Engineers	2 3 5
Anna 1 NW	0187	Union	5	37 28	89 15	629	7P	7P	J. Bon Hartline	2 3 5 7
Annawan	0195	Henry	6	41 24	89 55	620		5P	Robert J. Pont	3
Antioch	0203	Lake	1	42 29	88 06	770	7P	7P	Roy I. Kufalk	2 3 5 7
Augusta High School	0336	Hancock	1	40 14	90 57	680		MID	Arthur L. Eicken	3 4
Aurora College	0338	Kane	1	41 45	88 20	744	7P	7P	Phy's Dept Aurora C	2 3 5 7
Barry Water Works	0445	Pike	4	39 41	91 03	640		5P	Wm. G. McNeal	3
Beardstown	0492	Cass	1	40 01	90 26	444		7A	Otto O. Swope	3
Beardstown Lagrange Dam	0497	Brown	1	39 56	90 32	434		MID	Corps of Engineers	3 4
Belleville Scott AF Base	0510	St. Clair	2	38 32	89 51	444	MID	MID	U.S. Air Force	2 3 4 5 7
Belvidere Sewage Plant	0583	Boone	6	42 16	88 52	778		MID	Edgar F. Bruns	3 4
Bentley	0598	Hancock	4	40 20	91 07	671		6P	Roy H. Gibbons	3
Benton	0608	Franklin	4	38 00	88 55	474		6P	Benton Water Dept.	3
Bloomington	0761	McLean	1	40 30	89 01			7A	C. C. Williams	3
Bloomington Normal	0766	McLean	1	40 30	89 00	830	8P	4P	Harry C. Johnson	2 3 5 7
Bluffs	0781	Scott	1	39 45	90 33	467		6P	Hugh Moore	3
Bradford CAA AP	0873	Bureau	1	41 13	89 37	795		MID	U.S.Civil Aero Adm	3 4
Brookport Dam 52	0993	Massac	5	37 08	88 39	335		6A	Corps of Engineers	3
Cairo WB City	1166	Alexander	4	37 00	89 10	314	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Camp Ellis	1230	Fulton	1	40 23	90 20	640		MID	Post Engr Wtr Supt	3 4
Canton	1250	Fulton	1	40 34	90 02	657		6P	Floyd D. Hammond	3
Carbondale Sew ge Plant	1265	Jackson	4	37 44	89 12	420	7P	7A	Harold U. Hill	2 3 5 6
Carlinville 4 E	1280	Macoupin	1	39 17	89 49	627	6P	6P	Henry B. Hoelting	2 3 5 7
Carlyle	1288	Clinton	2	38 36	89 22	461	7P	7P	Thomas A. Murphy	2 3 5
Carmi	1296	White	7	38 05	88 10	399		8P	J. A. Rickenbach	3
Carpenter 1 SW	1304	Madison	4	38 53	89 54	520		MID	U.S. Soil Cons. Ser.	3 4
Casey	1329	Clark	7	39 18	88 00	648		6P	Walter A. Newlin	3
Centralia 4 W	1386	Marion	2	38 31	89 12	494		6P	Edgar V. Cavanaugh	3
Chandlerville	1412	Cass	1	40 03	90 09	464		6P	W. D. Upp	3
Channahon Dresden Isld	1420	Grundy	1	41 24	88 17	510		7A	Corps of Engineers	3
Charleston	1436	Coles	7	39 30	88 11	686	6P	6P	William H. Dykes	2 3 5
Chenoa	1475	McLean	1	40 44	88 44	713		MID	Mrs. Susan Jeffers	3
Chester	1491	Randolph	4	37 54	89 50	381		7A	Acklas B. Martin	3
Chicago (a) Treat Wks.	1522	Cook	3	41 40	87 36	593		MID	Chgo Sanitary Dist.	3 4
Chicago Heights	1527	Cook	3	41 30	87 38	634		7P	Alfred J. Cooper	2 3 5
Chicago Lakeview Pumping	1532	Cook	3	41 58	87 40	651		MID	Cty Engr Wtr Purif	3 4
Chicago Loyola Univ	1537	Cook	3	42 00	87 40	592		MID	Chgo Sanitary Dist	3 4
Chicago Mayfair Pmpg Sta	1542	Cook	3	41 58	87 45	647		MID	Cty Engr Wtr Purif	3 4
Chgo N Branch Pump Sta.	1547	Cook	3	41 58	87 42	595		MID	Chgo Sanitary Dist.	3 4
Chgo Roseland Pumping	1552	Cook	3	41 42	87 38	659		MID	Cty Engr Wtr Purif	3 4
Chgo San Dist Dispatch	1557	Cook	3	41 50	87 42	602		MID	Chgo Sanitary Dist.	3 4
Chgo San Dist Office	1562	Cook	3	41 52	87 38	898		MID	Chgo Sanitary Dist	3 4
Chicago S Filter Plant	1564	Cook	3	41 45	87 33			MID	Cty Engr. Wtr Purif	3 4
Chgo Springfld Pumping	1567	Cook	3	41 55	87 44	630		MID	Cty Engr Wtr Purif	3 4
Chicago University	1572	Cook	3	41 47	87 36	594	MID	MID	Univ. of Chicago	2 3 4 5
Chicago WB Airport	1577	Cook	3	41 47	87 44	623	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Chicago WB City	1582	Cook	3	41 53	87 38	823	MID	MID	U.S. Weather Bureau	2 3 4 5
Chillicothe	1627	Peoria	1	40 55	89 29	490		6P	David H. Dugan	3
Cicero	1648	Cook	3	41 51	87 46	608	7P	7P	George D. Lukes	2 3 5
Cisne Brown Camp	1664	Wayne	7	38 31	88 24			MID	Pure Oil Company	3 4
Clinton 1 S	1743	De Witt	1	40 08	88 58	746		6P	C. E. Corrington	3
Collinsville	1825	Madison	4	38 40	89 59	500		MID	Norma E. Evanko	3 4
Coulterville	1944	Randolph	4	38 11	89 36	590		MID	Harley L. Isom	3 4
Crete	2011	Will	3	41 27	87 38	675		MID	Village of Crete	3 4
Danville	2140	Vermilion	7	40 08	87 38	602	7P	7P	E. C. Hewes	2 3 5 7
Danville Hospital	2143	Vermilion	7	40 08	87 39	575		MID	Lakeview Hospital	3 4
Danville Sewage Plant	2145	Vermilion	7	40 08	87 39	555		7A	Ben Burt	3
Decatur	2193	Macon	1	39 51	88 57	682	7P	7P	W. Burk Coonradt	2 3 5 7
Des Plaines 1 NW	2286	Cook	1	42 03	87 55	704		4P	George A. Honemann	3
Diona	2330	Coles	7	39 22	88 08	660		MID	Maurice L. Reed	3 4
Dixon	2348	Lee	6	41 50	89 29	696	6P	6P	Paul T. Shuck	2 3 5 7
Douglas	2397	Knox	1	40 47	90 05	650		MID	Willard D. Staggs	3 4
Downs 2 NE	2417	McLean	1	40 25	88 51	794		MID	Ada A. Devine	3 4
Du Quoin	2483	Perry	4	38 01	89 14	468	6P	6P	G. H. Knetzger	2 3 5
Dwight	2497	Livingston	1	41 06	88 25	641		6P	J. Frank Ziegler	3
Dwight St. Reformatory	2502	Livingston	1	41 05	88 28	641		MID	St. Ref. for Women	3 4
East Saint Louis	2614	St. Clair	4	38 37	90 07	413	7P	7A	Union Ele. of Ill	2 3 5
Edwardsville	2679	Madison	4	38 49	89 58	554		6P	Arthur W. Jaggers	3
Effingham CAA AP	2687	Effingham	7	39 09	88 32	612	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
Elgin	2736	Kane	1	42 02	88 17	729		7P	W. C. Beckner	3
Elizabethtown	2750	Hardin	5	37 27	88 18	357		5P	U.S. Forest Ranger	2 3 5
Elsah	2800	Jersey	4	38 57	90 22	429		5P	The Principia Coll.	3
Evanston Pumping Sta.	2888	Cook	3	42 02	87 41	625		MID	Chgo Sanitary Dist.	3 4
Fairbury Water Works	2923	Livingston	1	40 44	88 31	691		MID	Dept. of Wtr Works	3 4
Fairfield	2931	Wayne	7	38 23	88 22	451	6P	6P	H. D. Willard	2 3 5
Farmer City	2993	De Witt	1	40 14	88 38	732		MID	Roy Neal	3 4
Flora	3109	Clay	7	38 40	88 29	490	6P	6P	Clay County Hospital	2 3 5
Freeport	3257	Stephenson	6	42 18	89 37	762	7P	7P	John Schroder	2 3 5
Freeport Sewage Plant	3262	Stephenson	6	42 17	89 36	751		7A	Sewage Treatment Pl.	3 4
Fulton Dam 13	3290	Whiteside	4	41 54	90 09	592	5P	8A	Corps of Engineers	2 3 4 5
Galatia 1 W	3304	Saline	5	37 51	88 37	410		MID	Josephine Harris	3 4
Galena	3312	Jo Daviess	4	42 25	90 26	603		6P	Orrin A. Merrifield	3
Galesburg	3320	Knox	1	40 57	90 22	780	MID	5P	James Barrett	2 3 5
Galva	3335	Henry	1	41 10	90 02	849	6P	6P	Arthur E. Johnson	2 3 5 7
Geneseo	3384	Henry	6	41 27	90 09	639		6P	Mrs. M. J. Bessant	3
Gibson City	3413	Ford	1	40 28	88 23	753		6P	Edward P. Bergstrom	3
Gladstone Dam 18	3455	Henderson	4	40 50	91 04	538		8A	Corps of Engineers	3
Glendale Exp. Farm	3482	Pope	5	37 26	88 41	500		MID	U.S. Soil Cons. Serv	3 4
Golconda Dam 51	3522	Pope	5	37 22	88 29	354	MID	6A	Corps of Engineers	2 3 4 5 7
Golden	3530	Adams	1	40 06	91 01	725		6P	G. W. Nethery	3
Grafton	3572	Jersey	4	38 58	90 26	404		7A	John A. DeSherlia	3
Grand Tower 2 N	3595	Jackson	4	37 40	89 30	367		3P	John A. Dickson	3
Greenfield	3666	Greene	1	39 20	90 12	556		MID	Fred S. Pewter	3 4
Greenup	3683	Cumberland	7	39 15	88 10	554		4P	Ettelbrick Shoe Co.	3
Greenville	3693	Bond	2	38 53	89 24	563	7P	7P	Deane J. McAlister	2 3 5 7
Gridley	3709	McLean	1	40 45	88 53	752		6P	Ezra D. Stoller	3
Griggsville	3717	Pike	1	39 43	90 44	685	6P	6P	Mrs. Ellen B. Harvey	2 3 5
Hardin	3850	Calhoun	1	39 09	90 37	700		6P	A. B. Campbell	3
Harrisburg	3879	Saline	5	37 44	88 32	366	6P	6P	Clyde Pittman	2 3 5 7
Harrisburg Disposal Pl.	3884	Saline	5	37 44	88 31			6A	W. Harrison Kibler	3
Havana	3930	Mason	1	40 18	90 03	451	7P	7P	L. L. Futeneuer	2 3 5
Havana No. 2	3940	Mason	1	40 18	90 04	460		7A	Ewald R. Trimpe	3
Henry	4017	Marshall	1	41 07	89 22	491	7P	7P	C. Haddon Perdew	2 3 5 7
Hillsboro	4108	Montgomery	2	39 09	89 29	626	6P	6P	H. A. Cress Jr.	2 3 5
Hoopeston	4198	Vermilion	7	40 28	87 40	717	6P	6P	Charles S. Flexman	2 3 4 5
Hudson Lk Bloomington	4269	McLean	1	40 40	88 56	740		MID	Ill State Wtr Sur	3 4
Hutsonville	4312	Crawford	7	39 07	87 40			MID	Ed S. Dry	3 4
Hutsonville Pwr Plant	4317	Crawford	7	39 06	87 40			7A	Ill Public Serv Co	3
Illinois City Dam 16	4355	Rock Island	4	41 25	91 01	554		8A	Corps of Engineers	3 4
Jacksonville	4442	Morgan	1	39 44	90 14	607	6P	6P	Norbury Sanatorium	2 3 5
Jacksonville Sewage Pl.	4447	Morgan	1	39 44	90 14	575		MID	Municipal Sew Tr	3 4
Jerseyville	4489	Jersey	1	39 07	90 20	635	6P	6P	Edwin M. Porter	2 3 5
Joliet Brandon Rd Dam	4530	Will	1	41 30	88 06	543		7A	Corps of Engineers	3
Joliet WB Airport	4535	Will	1	41 30	88 10	584	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Kankakee	4593	Kankakee	1	41 07	87 52	631	7P	7P	Kankakee Water Co.	2 3 5 7
Kankakee 4 NW	4598	Kankakee	1	41 08	87 56	620	6P	6P	M. A. Durand	2 3 5
Kankakee Sewage Plant	4603	Kankakee	1	41 08	87 53	642		MID	Mun Sewage Trt Pl	3 4
Keithsburg	4655	Mercer	4	41 06	90 57	540		8A	Alfred M. Norris	3
Kewanee	4710	Henry	1	41 14	89 55	853	6P	6P	Cassius C. Conger	2 3 5
Kewanee Baker Park	4715	Henry	1	41 15	89 54	800		MID	Bennett E. Rose	3 4
Kickapoo	4729	Peoria	1	40 47	89 45			9A	Ben Hall	3
La Harpe 1 SW	4823	Hancock	1	40 35	90 58	691	6P	6P	Kent Campbell	2 3 5 7
Lanark	4879	Carroll	4	42 06	89 50	883		MID	William E. Aurand	3 4
La Salle	4922	La Salle	1	41 20	89 06	522	7P	3P	Westclox GTI Corp.	2 3 5
Lawn Ridge	4951	Marshall	1	40 58	89 38	828		MID	Henry H. Lukehart	3 4
Lawrenceville	4959	Lawrence	7	38 44	87 41	472		6P	Frank Bray	3
Leroy	5036	McLean	1	40 21	88 46	780		7P	O. J. Lere	3
Lincoln	5079	Logan	1	40 09	89 22	591	7P	7P	John Zurkammer Jr.	2 3 5 7
Lincoln No. 2	5084	Logan	1	40 09	89 21	600		7A	George L. Smith	3
Lockport Lock & Dam	5131	Will	1	41 34	88 05	585		MID	Corps of Engineers	3 4
Lockport Power House	5136	Will	1	41 34	88 05	585		MID	Chgo Sanitary Dist.	3 4
Louisville	5216	Clay	7	38 46	88 30	480		MID	Carl E. Farrell	3 4
Mackinaw	5272	Tazewell	1	40 32	89 21	[illegible]		6P	T. L. Haensel	3
Macomb	5280	McDonough	1	40 28	90 40	702		6P	W. S. Sewell	3
Marengo	5326	McHenry	6	42 15	88 36	819	6P	6P	Frank J. Mack	2 3 5 7
Marietta	5334	Fulton	1	40 30	90 24	546		MID	Joseph Ace McCance	3 4
Marion	5342	Williamson	4	37 44	88 55	448		5P	C. N. Danielson	6
Maroa	5364	Macon	1	40 02	88 57	725		MID	Nelson R. Smith	3 4
Marseilles Lock	5372	La Salle	1	41 20	88 45	486		7A	Corps of Engineers	3
Marshall	5380	Clark	7	39 23	87 42	606		6P	Anna F. Kannmacher	3
Mascoutah	5405	St. Clair	2	38 29	89 48	425		SS	Dr. Robt. F. Lischer	3
Mason City	5413	Mason	1	40 12	89 42	581		MID	Charles Flinspach	3 4
Mattoon	5430	Coles	7	39 28	88 21	718	MID	MID	Cen Ill Pub Serv Co	2 3 5
McHenry	5493	McHenry	1	42 21	88 16	730		MID	Fred C. Feltz	3 4
McHenry 2 S	5498	McHenry	1	42 19	88 15	742		6P	John J. Barnings	3
McLeansboro	5515	Hamilton	5	38 05	88 32	500	6P	6P	F. G. Frazier	2 3 5
Medora	5539	Macoupin	1	39 10	90 08	622		7P	M. F. Dodge	3
Minonk	5712	Woodford	1	40 54	89 02	751	7P	7P	City of Minonk	2 3 5
Moline WB Airport	5751	Rock Island	6	41 27	90 31	589	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Monmouth Airport	5768	Warren	4	40 55	90 38	770	6P	6P	Martin Airways Inc	2 3 5 7
Monticello	5791	Piatt	1	40 02	88 34	659		4P	C. H. Whittig	3
Morris	5820	Grundy	1	41 21	88 26			7A	Roy Webb	3
Morris 3 NE	5825	Grundy	1	41 24	88 22	549	6P	6P	Donald M. Pyatt	2 3 5
Morrison	5833	Whiteside	6	41 49	89 58	670	7P	7P	Ralph H. Green	2 3 5
Morrisonville	5841	Christian	1	39 25	89 27	638		MID	Frank A. Lowis	3 4
Morrisonville 1 E	5846	Christian	1	49 25	89 26	638	7P	7P	John R. Lowis	2 3 5 7
Mount Carmel	5888	Wabash	7	38 25	87 46	465	6P	7A	Frank D. Talley	2 3 5 7
Mount Carmel Water Wks.	5893	Wabash	7	38 25	87 45	424		MID	Mt Carmel Wtr Wks	3 4
Mount Carroll	5901	Carroll	4	42 05	89 58	817	7P	7P	James F. McCray	2 3 5
Mount Olive	5917	Macoupin	4	39 04	89 43	681		6P	Henry W. Johnson	3
Mount Pulaski	5927	Logan	1	40 00	89 17	687		5P	Alva Brown	3
Mount Sterling	593	Brown	1	39 59	90 46	711		7P	F. E. Sahland	3
Mount Vernon	5943	Jefferson	4	38 19	88 54	463	7P	7P	Lawrence Collins	2 3 5 7
Murphysboro Water Works	5983	Jackson	4	37 46	89 19	420		MID	Murphysboro Wtr Co	3 4
Nashville 3 NW	6011	Washington	2	38 21	89 25	505		6P	R. E. Schleifer	3
Newark 7 E	6069	Kendall	1	41 32	88 27	707		6P	Warren S. Gray	3
New Boston Dam 17	6080	Mercer	4	41 11	91 03	548		8A	Corps of Engineers	3
New Boston 2 NW	6085	Mercer	4	41 11	91 01			7A	Morris W. Blair	3
New Burnside	6093	Johnson	5	37 35	88 46	560	7P	7P	Miss Mae McCabe	2 3 5
Newton	6159	Jasper	7	39 00	88 10	513	6P	6P	James W. Wells Jr.	2 3 4 5
Olney Radio Station	6446	Richland	7	38 42	88 04	[illegible]	5P	5P	Radio Station WVLN	2 3 5 7
Oregon	6490	Ogle	6	42 01	89 20	700		MID	Carnation Company	3 6
Oregon Water Works	6492	Ogle	6	42 01	89 20	700		6P	Glenn S. Edelman	3
Ottawa	6526	La Salle	1	41 22	88 50	474	7P	7P	John A. Beed	2 3 5 7
Palestine	6558	Crawford	7	39 00	87 37	514	7P	7P	H. M. Gaddis	2 3 5
Pana	6579	Christian	2	39 23	89 05	696	7P	7P	C. E. Schumacher	2 3 5
Paris Sewage Plant	6605	Edgar	7	39 37	87 41	735		MID	City of Paris	3 4
Paris Water Works	6610	Edgar	7	39 38	87 42	739	7P	7P	City of Paris	2 3 5
Paw Paw	6661	Lee	1	41 41	88 59	928		5P	W. A. Woods	3
Payson	6670	Adams	4	39 49	91 14	640		6A	Edith A. Robbins	3
Peoria Lock & Dam	6706	Peoria	1	40 37	89 39	445		MID	Corps of Engineers	3 4
Peoria WB Airport	6711	Peoria	1	40 40	89 41	654	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Peotone	6725	Will	1	41 20	87 48	722		2P	Miss Mina Cuti	3
Peru	6751	La Salle	1	41 20	89 08			7A	Joseph S. Sikow	3
Petersburg	6760	Menard	1	40 01	89 51	524		4P	Frank B. Rainey	3
Piper City	6819	Ford	1	40 45	88 11	670		MID	Isaac B. Griffith	3 4
Pittsfield Water Works	6833	Pike	4	39 39	90 48	724		MID	Raymond T. Loyd	3 4
Pleasant Hill 2 E	6861	Pike	4	39 27	90 50	540		6P	Lou Galloway	3
Pontiac	6910	Livingston	1	40 53	88 37	647	6P	6P	Roger Williams	2 3 5 7
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		MID	Lewis Tebeau	3 4
Princeton 1 S	6996	Bureau	1	41 21	89 28	700		MID	Miles W. Bryant	3 4
Princeville 2 NW	7004	Peoria	1	40 57	89 47	745		6P	Frank S. Stewart	3
Prophetstown	7014	Whiteside	6	41 40	89 56	625		MID	Ill Northern Ut Co	3 4
Quincy	7067	Adams	4	39 57	91 24	601	7P	7P	A. H. Gibson	2 3 5
Quincy CAA AP	7072	Adams	4	39 56	91 11	670	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Quincy Dam 21	7077	Adams	4	39 54	91 26	483		8A	Corps of Engineers	3 4
Quincy Memorial Bridge	7082	Adams	4	39 56	91 24			7A	Melvin Brinkdetter	3
Rantoul Chanute AF Base	7150	Champaign	7	40 18	88 09	744	MID	MID	U.S. Air Force	2 3 4 5 7
Red Bud	7157	Randolph	2	38 13	90 00	444		5P	Dr. H. Le Saulner	3
Richview	7244	Washington	2	38 22	89 11	544		MID	Mrs. Mabel F. Martin	3 4
Roberts 3 N	7336	Ford	7	40 40	88 11	786	7P	7P	R. E. Bradbury	2 3 5 7
Rochelle	7349	Ogle	6	41 55	89 04	798		3P	California Pkg Corp	3
Rockford	7375	Winnebago	6	42 15	89 05	720	6P	6P	F. W. Knowlton	2 3 5
Rockford CAA AP	7380	Winnebago	6	42 21	89 03	743	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Rock Island Dam 15	7388	Rock Island	4	41 31	90 34	568		8A	Corps of Engineers	3
Rockport	7400	Pike	4	39 32	91 00	470		6P	Harry Williams	3
Rushville	7551	Schuyler	1	40 07	90 34	683	6P	6P	Gain Bros. Greenhse	2 3 5
Ste Marie	7603	Jasper	7	38 56	88 01	448		7A	Judson E. Cameron	3
Salem	7636	Marion	2	38 37	88 57	544		5P	Frank G. Brown	3
Shawneetown New Town	7859	Gallatin	5	37 43	88 10	350		6A	Jake H. Stewart	3
Sidell	7952	Vermilion	7	39 55	87 49			7A	Gary Lane	3
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		MID	Chgo Sanitary Dist.	3 4
Sparta	8174	Randolph	1	38 08	89 42	538	6P	6P	Howe V. Morgan	2 3 5 7
Springfield WB Airport	8179	Sangamon	1	39 50	89 40	587	MID	MID	U.S. Weather Bureau	2 3 4 5 6 7
Springfield WB City	8184	Sangamon	1	39 48	89 39	598	MID	MID	U.S. Weather Bureau	2 3 4 5
Stickney W S Treat Wks	8278	Cook	1	41 49	87 46	636		MID	Chgo Sanitary Dist.	3 4
Stockton	8293	Jo Daviess	4	42 21	90 00	1000	5P	5P	E. A. Curtiss	2 3 5 7
Streator	8353	La Salle	1	41 07	88 50	625		7P	H. W. Prafcke	3
Sullivan Water Works	8389	Moultrie	2	39 34	88 37	686		MID	A. B. Fultz	3 4
Sycamore	8452	De Kalb	6	41 59	88 41	840	8P	8P	Frank C. Dean	2 3 5 7
Table Grove	8460	Fulton	1	40 22	90 26	734	7P	7P	C. A. Hammond	2 3 5 7
Taylorville	8491	Christian	1	39 33	89 18	634		6P	John W. Coale	3
Tiskilwa	8604	Bureau	1	41 18	89 30	512		6P	Orville L. Weaver	3
Toulon	8630	Stark	1	41 06	89 52	752		5P	Ernest R. Robson	3
Tuscola	8684	Douglas	7	39 48	88 17	653	6P	6P	Perry Stackhouse	2 3 5 7
Urbana	8740	Champaign	7	40 08	88 13	743	7P	7P	State Water Survey	2 3 5
Urbana Exp. Farm	8745	Champaign	7	40 06	88 15			MID	U.S. Soil Cons Serv	3 4
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730		7A	State Water Survey	3 6
Utica Starved Rock Dam	8756	La Salle	1	41 19	88 59	464		7A	Corps of Engineers	3
Vandalia	8781	Fayette	2	38 58	89 07	503		9A	Albert Boaz	3 4
Virden	8860	Macoupin	1	39 30	89 46	674	6P	6P	F. M. Watkins	2 3 5
Walnut	8916	Bureau	6	41 33	89 35	714	6P	6P	Carl F. Nelick	2 3 5
Warsaw	8976	Hancock	4	40 21	91 26	490		5P	Charles Ewing	3
Washington	8990	Tazewell	1	40 42	89 25	740		MID	Mrs. J. J. Langley	3 4
Waterloo	9002	Monroe	4	38 20	90 09	717		4P	E. H. Wolf	3
Waterman	9010	De Kalb	1	41 46	88 46	779		MID	Wm. Ray Clarke	3 4
Watseka	9021	Iroquois	1	40 46	87 44	634	7P	7P	Benjamin Jordan	2 3 5
Waukegan	9029	Lake	3	42 21	87 51	668	7P	7P	R. W. Flagg	2 3 5
Wayne City	9040	Wayne	7	38 21	98 35	385		7A	Paul F. Nichols	3
Wenona	9090	Marshall	1	41 03	89 03	700		MID	Leonard H. Foley	3 4
West Frankfort 8 E	9140	Franklin	4	37 54	88 48	480		MID	Ill State Wtr Surv	3 4
Wheaton College	9221	Du Page	1	41 52	88 06	753		6P	Wheaton College	3
White Hall 1 E	9241	Greene	1	39 26	90 23	578	5P	5P	Oscar Watt	2 3 5 7
Wilcox	9274	Clay	7	38 38	88 18			7A	E. Lowell Routt	3
Windsor	9354	Shelby	2	39 26	88 36	685	6P	6P	Mrs. Herbert Rose	2 3 5

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Rockford 4 NE	7377	Winnebago	6	42 17	88 59	850		7A	Mrs. D. S. Cummings	3 6

‡ Drainage Code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

Reference Notes for this issue may be found on Page 104.


STATION LEGEND
Precipitation only
Precipitation storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage: ○ Non-recording:
● Recording: ◑ Both types.
Double circle combinations: Complete Meteorological.
ILLINOIS
STATUTE MILES
Galena
Stockton
Freeport
Freeport Swg Pl
Rockford CAA AP
Rockford 4NE
Rockford
Marengo
Belvidere Swg Pl
Mc Henry
Mc Henry 2S
Antioch
Waukegan
Lanark
Mount Carroll
Oregon Wtr Wks
Oregon
Rochelle
Sycamore
Elgin
Des Plaines 1NW
Chicago WB City
Cicero
Wheaton Col.
Chicago Univ
Fulton Dam
Morrison
Dixon
Aurora Col.
Paw Paw
Waterman
Chicago WB AP
Prophetstown
Lockport L&D
Lockport PH
Joliet WB AP
Chicago Hts
Rock Is Dam
Illinois City Dam
Geneseo
Walnut
Newark 7E
Joliet Brandon Rd L&D
Morris 3NE
Channahon Dresden IS.
Moline WB AP
Princeton 1S
Peru
Ottawa
Morris
Peotone
Annawan
Tiskilwa 2E
Kewanee Baker Pk
Kewanee
La Salle
Utica
Starved Rock Dam
Marseilles Lock
New Boston Dam
Aledo
Bradford CAA Fld
Streator
Kankakee 4NW
Kankakee SWG Pl
New Boston 2NW
Keithsburg
Galva
Toulon
Henry
Lawn Ridge
Wenona
Dwight St. Reform
Dwight
Kankakee
Alexis Wtr Wks
Galesburg
Princeville 2NW
Chillicothe
Minonk
Pontiac
Monmouth
Gladstone Dam
Douglas
Kickapoo
Fairbury Wtr Wks
Watseka
Peoria WB AP
Washington
Gridley
Chenoa
Piper City
Peoria L&D
Hudson Lake
Roberts 3N
La Harpe 1SW
Macomb
Marietta
Canton
Mackinaw
Bloomington Normal
Gibson City
Hoopeston
Downs 2NE
Bentley
Warsaw
Table Grove
Havana
Havana 2
Le Roy
Rantoul Chanute AF
Augusta Hi Sch
Mason City
Farmer City
Danville Hosp
Danville
Rushville
Lincoln 2
Clinton 1S
Urbana
Golden
Chandlerville
Lincoln
Urbana Exp Farm
Monticello
Mt Sterling
Petersburg
Mt Pulaski
Urbana Eng Campus
Danville Swg Pl
Quincy
Beardstown
Maroa
Quincy Mem Br
Quincy CAA AP
Beardstown Dam
Springfield WB AP
Sidell
Quincy Dam
Payson
Decatur
Griggsville
Jacksonville Swg Pl
Springfield WB City
Tuscola
Barry
Bluffs
Jacksonville
Paris Wtr Wks
Pittsfield Wtr Wks
Taylorville
Sullivan Wtr Wks
Paris Swg Pl
Rockport
Pleasant Hill 2E
Charleston
Mattoon
Virden
Morrisonville 1E
Morrisonville
Pana
Windsor
Dionа
Marshall
White Hall 1E
Greenfield
Carlinville 4E
Casey
Greenup
Hardin
Medora
Hillsboro
Hutsonville
Jerseyville
Grafton
Mt Olive
Effingham CAA AP
Newton
Hutsonville Pwr Pl
Palestine
Elsah
Alton Dam
Carpenter 1SW
Vandalia
Ste Marie
Greenville
Louisville
Olney
Lawrenceville
Edwardsville
Collinsville
Flora
Wilcox
East St Louis
Carlyle
Salem
Belleville Scott AF
Centralia 4W
Cisne Brown Camp
Mascoutah
Fairfield
Mt Carmel Wtr Wks
Nashville 3NW
Mt Carmel
Richview
Albion
Waterloo
Mt Vernon
Wayne City
Red Bud
Coulterville
McLeansboro
Carmi
Sparta
Prairie Du Rocher
Du Quoin
Benton
Chester
West Frankfort 8E
Galatia 1W
Murphysboro Wtr Wks
Marion
Harrisburg
Carbondale Swg Pl
Harrisburg 4E
Shawneetown New
Grand Tower 2n
New Burnside
Elizabethtown
Glendale Exp Fm
Anna 1NW
Golconda Dam
Grand Chain Dam
Cairo WB City
Brookport Dam
Des Plaines 1NW
Evanston Pump Sta
Skokie No Side
Loyola Univ
Lakeview Pump Sta
Mayfair Pump Sta
No Branch Pump Sta
Springfld Pump Sta
Chicago WB City
Cicero
Sanitary Dist Off
Stickney W. Side
Sanitary Dispat
Chicago Uni
Chicago WB AP
So. Filter Pl
Roseland Pump Sta
Calumet Treat Wks
Chicago Hts
CHICAGO
STATUTE MILES
N.O.C 6/50

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

JUNE 1950
Volume LV No. 6



KANSAS CITY: 1950

ILLINOIS - JUNE, 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

June s temperatures were a little cooler than average, and most of Illinois received considerably more rainfall than normally occurs in this month. For the northern division this was the wettest June since 1924. Most of the central division also had above-normal precipitation, but much of the southern third of the State was a little drier than usual. Precipitation for the month averaged 5.63 inches, or 1.61 inches above the June normal. Aurora received the heaviest rainfall, 10.25 inches; Pittsfield's total of 0.97 inch was the lightest of the month. The mean temperature for the State was 71.2°, or 0.9° below the June average. Cairo averaged warmest with 77.3°, while Waukegan's mean of 66.7° was the lowest of the month.

Temperatures were near or above the seasonal normal as the month began, then cooled off on the 3d and 4th. On the morning of the 4th minimum temperatures were in the 40's in nearly all sections of the State. The lowest temperature of the month, 40°, was registered at Dixon, Freeport, and Sycamore on the 4th. On the 2d and 3d general showers occurred, bringing heavy precipitation to many areas. A youth was killed by lightning at Cedar Point in LaSalle County on the 2d. In Chicago one person was electrocuted, and $100,000 damage was caused by lightning-set fires and flooding by heavy rains on the evening of the 2d.

After the 3d, dry conditions prevailed until the 9th, with temperatures generally well above normal from the 6th to the 10th. State-wide showers fell on the 9th, continuing in the extreme south on the 10th. A fire due to lightning destroyed stables of racing horses at Hinsdale on the 9th, one person and 17 horses dying in the fire; loss was estimated at $385,000.

Precipitation occurred frequently between the 12th and 20th, especially in the north and central portions, with many heavy rainfall amounts reported. Warm temperatures prevailed from the 13th through the 16th, but the following 4 days were very cool, except in the southern end of the State. Several damaging storms occurred on the 13th: strong winds downed many trees and caused minor property damage in the Rock Island-Moline area; lightning started fires which destroyed a large store with a loss of $200,000 at Rock Falls, and a riding stable at Wayne in DuPage County, 13 horses being lost; lightning set fire to a street car in Chicago, one person being injured in the resulting panic. Also on the 13th a tornado struck Milledgeville in Carroll County, badly damaging a school building, destroying a barn, and killing some livestock. On the 14th a tornado funnel was observed 10 miles south of Rantoul, but the funnel did not reach the surface. Lightning killed one man and injured four others near Minonk on the 16th.

Temperatures rose above normal after the 21st and remained unseasonably high through the 26th. Afternoon temperatures were commonly in the 90's on the 25th, and in the southern half again on the 26th. The highest temperature of the month was registered at Mount Vernon on the 26th, when the mercury climbed to 99°. Rather cool weather persisted from the 27th to the end of the month. Showers were common in the extreme south between the 21st and 24th, and in the remainder of Illinois on the 23-24th. A violent thunderstorm destroyed several small farm buildings in Peoria County on the 24th. Occasional light showers occurred during the last 3 days of June.

Corn, oats, and soybeans were developing satisfactorily as the month drew to a close. Corn varied widely in height, averaging about 2 feet high at the end of June. Considerable alfalfa and clover were damaged early in the month by rain after cutting, and harvesting of additional acreage was delayed by frequent rains. Nearly all of the first crop of alfalfa and about three-fourths of the first clover crop were harvested during June. The wheat harvest had been started as far north as central Illinois at the end of the month. Picking of Transparent apples and early peaches began in the extreme south during the last week of June.--GRJ

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m.p.h				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
Cairo WB City	-	-	7.9	34	NW	10	-	-	-	-	5	1	3	0	2	0	11	81	5.7	0
Chicago WB Airport	SSW	16	9.9	40	W	16	76	76	50	54	4	4	1	2	2	2	15	75	5.7	41
Joliet WB Airport	S	19	10.2	-	-	-	83	82	56	62	4	3	3	2	2	1	15	-	5.7	51
Moline WB Airport	S	19	11.0	48	S	12	74	77	55	55	8	2	4	1	1	1	17	70	4.9	34
Peoria WB Airport	S	20	11.4	49	W	15	79	81	55	57	5	1	5	2	0	1	14	75	5.1	36
Springfield WB Airport	SSW	17	11.6	33	S	2	81	83	59	61	2	4	3	3	1	0	13	67	5.3	21

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	75.4	104	40	4.82	0.0	9
1891	72.0	102	41	3.90	0.0	12
1892	71.8	105	43	5.66	0.0	12
1893	72.2	99	42	3.34	0.0	8
1894	74.8	103	31	2.24	0.0	7
1895	74.7	103	39	2.68	0.0	7
1896	71.8	100	39	4.10	0.0	10
1897	71.3	102	34	4.58	0.0	10
1898	73.8	97	41	4.27	0.0	10
1899	73.5	100	37	2.73	0.0	[illegible]
1900	71.0	95	39	4.45	0.0	[illegible]
1901	74.9	105	32	3.48	0.0	9
1902	69.6	101	38	8.20	0.0	14
1903	66.4	95	31	2.93	0.0	[illegible]
1904	69.6	95	39	3.09	0.0	[illegible]
1905	71.9	104	38	3.36	0.0	6
1906	70.6	99	39	3.25	0.0	9
1907	68.5	97	37	4.49	0.0	11
1908	70.8	100	36	2.80	0.0	[illegible]
1909	72.2	98	39	4.18	0.0	10
1910	70.1	101	32	2.27	T	6
1911	75.8	106	41	2.80	0.0	8
1912	68.6	96	34	3.27	0.0	9
1913	74.2	106	33	2.47	0.0	[illegible]
1914	75.8	105	37	2.59	0.0	7
1915	68.7	95	36	4.81	0.0	12
1916	67.2	97	43	5.46	0.0	12
1917	68.7	[illegible]	34	5.47	0.0	10
1918	72.3	105	38	3.50	0.0	8
1919	75.1	96	44	4.64	0.0	10
1920	72.1	97	37	2.17	0.0	[illegible]
1921	76.7	100	37	3.75	0.0	11
1922	74.1	101	38	1.49	0.0	5
1923	73.2	103	40	3.49	0.0	[illegible]
1924	70.2	98	35	6.85	0.0	15
1925	74.9	102	40	4.93	0.0	10
1926	68.5	103	37	4.23	0.0	9
1927	68.1	102	39	3.91	0.0	9
1928	66.9	93	35	7.16	0.0	15
1929	69.5	98	32	4.78	0.0	9
1930	71.9	104	37	3.36	0.0	9
1931	75.5	107	37	3.19	0.0	7
1932	74.0	102	41	4.08	0.0	10
1933	78.2	106	37	1.48	0.0	4
1934	79.0	108	45	3.01	0.0	10
1935	68.4	93	36	5.90	T	15
1936	72.8	106	38	1.66	0.0	6
1937	71.7	102	37	5.05	0.0	12
1938	70.6	95	44	5.23	0.0	11
1939	73.6	99	38	5.13	0.0	12
1940	73.2	98	37	2.93	0.0	8
1941	73.4	103	40	4.30	0.0	11
1942	72.4	99	40	5.44	0.0	14
1943	75.1	99	39	3.84	0.0	11
1944	76.0	106	35	2.42	0.0	7
1945	68.4	97	32	6.65	0.0	15
1946	72.3	100	34	4.40	0.0	8
1947	69.7	98	37	6.31	0.0	13
1948	71.9	100	39	3.93	0.0	13
1949	74.7	104	34	4.19	T	10
1950	71.2	99	40	5.63	T	10
Period	70.9			3.98	T	

CLIMATOLOGICAL DATA

Table 2

Station	Temperature								Precipitation									
							No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
Ledo	70.1	- .6	92	25	43	4	2	0	7.34	2.97	2.50	18	.0	.0		11	7	3
Antioch	66.8	- .7	87	8	43	17	0	0	7.05	3.57	1.94	13	.0	.0		7	7	2
Aurora College	67.7	- .5	89	16+	41	4	0	0	10.25	6.11	3.98	2	.0	.0		10	7	4
Chicago Heights	68.7 M		90	8+	42	4	2	0	6.59	3.09	1.99	2	.0	.0		11	7	2
Chicago University	67.9	.6	90	16	46	17	1	[illegible]	9.35	6.05	3.02	2				11	7	5
Chicago WB Airport	69.1	1.0	92	16	46	4	5	0	8.89	5.41	2.35	2	T	.0		11	7	4
Chicago WB City	69.3	1.1	92	16	47	17	3	0	7.38	3.90	4.09	2				12	4	2
Cicero	69.4	.1	92	8+	45	4	5	0	6.63	3.03	1.75	2	.0	.0		11	6	3
Dixon	68.5	-1.0	91	25+	40	4	3	0	6.65	2.56	3.54	2	.0	.0		11	4	2
Freeport	67.5	- .5	89	25	40	4	0	0	8.11	3.92	2.74	13	.0	.0		13	7	3
Fulton Dam 13	69.4	.7	91	25	42	4	1	0	7.19	2.94	2.46	2	.0	.0		10		3
Galesburg	70.4		94	25	44	4	2	0	8.91	5.10	2.46	19	.0	.0		10	7	5
Galva	69.9	- .7	93	25	42	4	2	0	5.77	1.77	2.05	18	.0	.0		10	6	1
Henry	70.4	- .9	93	25	42	4	2	0	6.62	2.90	2.49	18	T	.0		8	5	2
Joliet WB Airport	67.7	- .1	91	16	42	4	1	0	7.31	3.45	2.30	2	.0	.0		11	5	3
Kankakee	69.7	- .2	90	16	46	4+	1	0	5.45	1.83	1.08	18	.0	.0		12	6	2
Kankakee 4 W	68.5		89	8	44	4	0	0	4.66	1.06	.99	13	.0	.0		11	6	0
Kewanee	69.8	- .7	91	25	44	4	2	0	6.14	2.26	1.92	18	.0	.0		9	5	2
La Salle	71.3	0.0	95	25	42	4	6	[illegible]	5.72	2.15	2.31	13	T	.0		11	6	2
Marengo	67.6 M	- .1	89	25	42	4+	0	0	8.69	4.67	2.71	24	.0	.0		10	5	5

See reference notes following Station Index.

Station	Temperature						No. of days		Precipitation							No. of days		
													Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
Minonk	70.5	- .2	93	25	42	4	4	0	7.80	4.25	2.52	15	T	.0		13	8	3
Moline WB Airport //	69.6	.3	94	25	44	4	1	0	5.11	1.00	2.16	18	.0	.0		9	5	2
Monmouth Airport	69.5	-1.5	91	25	42	4	2	0	9.14	4.56	2.73	19	.0	.0		9	8	4
Morris 3 NE	70.0	.3	91	16	43	4	4	0	5.65	2.35	1.14	13	.0	.0		12	6	2
Morrison	69.6	- .1	94	25	44	4	2	0	8.01	3.72	2.65	2	T	.0		12	5	3
Mount Carroll	68.5	0.0	90	25	42	4	1	0	7.86	3.43	2.03	2	T	.0		11	6	4
Ottawa	70.8	- .1	92	16	45	4	3	0	5.06	1.71	1.93	13	.0	.0		11	5	2
Pontiac	69.1	-2.8	89	25	44	4	0	0	6.37	3.14	1.30	18	.0	.0		13	8	3
Rockford	69.1	.3	90	16	42	4	1	0					.0	.0				
Rockford CAA AP	67.5	.4	88	16+	43	4	0	0	7.14	3.03	1.94	13	.0	.0		11	6	3
Stockton	67.1		90	25	42	4+	1	0	7.63	3.40	2.94	2	T	.0		12	5	3
Sycamore	68.0	- .2	90	25	40	4	1	0	6.83	2.83	2.54	2	.0	.0		9	4	3
Walnut	70.2	- .7	94	25	43	4	3	0	6.15	2.32	2.28	13	T	.0		9		
Waukegan	66.7	.8	89	23	44	4+	0	0	6.10	2.95	2.26	2	.0	.0		7	6	2
DIVISION	69.0	- .6							7.08	3.07			T					
CENTRAL DIVISION																		
Bloomington Normal	71.7	- .2	94	25	46	4	3	0	7.02	2.91			T	.0		14		
Carlinville 4 E	71.3	-1.6	94	25	45	5	4	0	6.61	2.45	2.56	13	.0	.0		10	7	1
Charleston	72.6M	- .1	95	25			5	0					.0	.0				
Danville	70.4	0.0	92	15+	45	4	5	0	5.79	2.17	1.16	25	.0	.0		11	8	1
Decatur	71.7	- .9	96	25	45	4	3	0	5.74	2.15	1.51	13	T	.0		12	8	2
Effingham CAA AP //	70.1	-1.7	93	25	46	4	3	0	4.17	- .30	1.03	19	.0	.0		8	6	1
Griggsville	71.4	-1.8	96	25	42	4	6	0	1.77	-2.56	.68	3	.0	.0		7	3	0
Havana	71.8	- .8	94	25	47	4	4	0	4.94	1.04	1.50	18	.0	.0		12	5	2
Hillsboro	71.6	-1.5	95	25	47	4	4	0	6.17	2.08	1.85	3	.0	.0		12	6	3
Hoopeston	69.7	-1.5	89	16+	43	4	0	0	6.12	2.22	1.40	25	.0	.0		10	7	2
Jacksonville	72.4	.1	97	25	47	4	7	0	3.38	- .59	1.38	19	.0	.0		9	4	1
Jerseyville	74.9M	1.5	96	25	47	4	10	0	3.78	- .20	1.45	3	.0	.0		7	3	2
La Harpe 1 SW	70.5	- .7	93	16+	42	4	3	0	4.89	.22	1.28	18	.0	.0		11	5	3
Lincoln	71.4	- .5	95	25	43	4	5	0	5.95	2.13	1.15	19	T	.0		15	7	2
Mattoon	69.9		92	25	46	4	4	0	5.40	1.30	1.57	19	.0	.0		14	7	1
Morrisonville 1 E	70.6	-1.3	94	25	46	4	4	0	6.34	2.25	2.17	14	.0	.0		8	5	2
Newton	72.0	- .2	96	25	45	4	6	0	4.93	.67	2.11	3	.0	.0		10	4	2
Palestine	71.5M	-2.4	95	24	45	4	6	0	5.55	1.57	1.82	19	.0	.0		11	8	1
Pana	72.6	0.0	97	25	47	4	7	0	6.89	2.76	1.70	14	T	.0		10	7	3
Paris Water Works	70.3	-1.8	94	25	45	4	4	0	6.53	2.34	.97	9+	.0	.0		12	8	0
Peoria WB Airport	69.9	- .5	94	25	44	4	2	0	5.90	2.13	3.06	18	.0	.0		9	5	1
Quincy	73.4	- .1	98	25	46	4	5	0	5.48	.99	2.20	14	.0	.0		13	5	2
Quincy CAA AP	69.9		92	25	42	4	2	0	7.77	3.29	5.84	14	.0	.0		13	3	2
Rantoul Chanute AF Base //	69.8		92	25	47	17	3	0	7.74	3.94	1.95	24	T	.0		10	7	3
Roberts 3 N	69.6	- .8	89	8+	44	4	0	0	4.70	1.48	1.02	18	.0	.0		9	5	1
Rushville	71.6M	- .7	96	25	43	4	5	0	5.80	1.93	3.05	19	.0	.0		9	5	1
Springfield WB Airport //	70.8	1.2	94	25	46	4	3	0	4.25	.19	1.27	19	.0	.0		11	5	1
Springfield WB City	73.3	1.1	96	25	50	4	6	0	4.93	.87	1.77	19	.0	.0		12	5	1
Table Grove	70.8	-1.2	93	25	45	4	3	0	4.83	.75	1.21	18	.0	.0		10	7	1
Tuscola	71.4		93	25	45	4	4	0	5.88	1.83	1.12	25	.0	.0		13	6	3
Urbana	70.9	0.0	91	25	47	4	2	0	4.32	.45	.93	19	.0	.0		13	7	0
Virden	71.1		94	25	45	4	3	0	7.91	3.96	2.83	14	T	.0		8	5	3
Watseka	69.9		91	26	44	4	1	0	4.75	1.13	.93	18	.0	.0		10	7	0
White Hall 1 E	72.1	- .8	95	25	46	4	7	0	3.14	- .80	1.27	9	.0	.0		8	5	1
Windsor	71.1	-1.0	94	25	46	4	4	0	6.72	2.48	1.85	9	.0	.0		12	6	3
DIVISION	71.3	- .6							5.47	1.41			T					
SOUTHERN DIVISION																		
Alton Dam 26	73.8		96	25	48	4	8	0	3.92	- .04	.93	3	.0	.0		10	5	0
Anna 1 NW	73.6	-1.5	95	26	49	4+	7	0	3.10	-1.12	1.31	3	.0	.0		6	5	1
Belleville Scott AF Base //	73.8		96	25	52	4+	7	0	2.19	-1.71	.75	13	.0	.0		10	4	0
Cairo WB City	77.3	0.0	98	18	55	4	10	0	4.04	.21	1.67	10	.0	.0		6	5	2
Carbondale Sewage Plant	74.3	- .8	97	26	48	30	9	0	3.79	- .30	1.70	2	.0	.0		7	3	2
Carlyle	74.8	1.2	98	25	52	4	7	0	5.31	1.21	1.49	13	.0	.0		11	5	3
Du Quoin	74.6	- .3	97	25+	50	5+	6	0	2.42	-1.56	.96	3	.0	.0		7	3	0
East Saint Louis	75.1	- .3	98	26	51	5	7	0	4.22	.52	1.22	3	.0	.0		8	4	2
Elizabethtown	74.1		95	26	48	4	6	0	6.09	2.30	2.05	3	.0	.0		8	6	3
Fairfield	73.8M	- .7	95	25	48	4	7	0					.0	.0				0
Flora	74.2	.7	98	25	48	4	7	0	3.40	- .48	1.21	19	T	.0		8	3	2
Golconda Dam 51	72.7	-2.0	95	26	50	4	6	0	5.58	1.73	1.85	4	.0	.0		8	5	3
Greenville	71.7	-1.7	93	25	49	4	2	0	4.58	.38	1.59	3	.0	.0		9	4	2
Harrisburg	74.4	-1.2	97	26	49	5	8	0	3.66	- .23	1.28	3	.0	.0		6	3	2
McLeansboro	74.4	- .2	96	25+	49	4	5	0					.0	.0		4	3	1
Mount Carmel	74.4M	- .3	98	25	46	4	7	0	4.43	.17	1.80	4	.0	.0		9	6	2
Mount Vernon	75.0	.6	99	25	50	4+	8	0	5.25	1.11	2.81	30	T	.0		6	6	1
New Burnside	72.3	-2.1	93	25	48	4+	5	0	3.35	- .78	1.23	3	.0	.0		6	5	1
Olney Radio Station	73.4	- .3	95	25	46	4	6	0	5.23	1.43	2.02	19	.0	.0		9	5	2
Sparta	74.3	- .4	98	25	49	4	8	0	1.53	-2.07	.65	3	.0	.0		8	2	0
DIVISION	74.1	- .7							4.01	.06			T					
STATE	71.2	- .9							5.63	1.61			T					

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

ILLINOIS
JUNE 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion		T	1.01	.13				T		.14			.76	.03				.36	.49	.11											3.03
Aledo	.01	.07	.42						.11			1.11	.84		.75			2.50	1.00				T	.30				.23	T			7.34
Alexis Wtr Wks R		.56	-	-	-	-	-	-	-	-	-	.51	.80	1.38	.05			3.12	.33					.70				.15				-
Alton Dam 26			.93	.46						.72			.19	.56	.59		T	.22	.12		.11			T				.02			3.92
Anna 1 NW		T	1.31							.36			.32						T	.46	.23	.42		T							3.10
Annawan	.60	.40							.20			.05	1.50		.52			1.90	.27													-
Antioch		1.85	.70										1.94		.77			.53		T			T	.82				.44				7.05
Augusta High Sch R		.43	.06						.05	.01		.33	2.52	.81	.02		.05	2.40	.06					.06								6.80
Aurora College		3.98	.64						T	1.17			1.42		.47			1.69		.02	.01			.75				.10				10.25
Barry Water Wks		.23	.30						T			.30	.12	.85		T			.18				.06						.08			2.12
Beardstown			.26	.12					T	.06			.21	1.45	.07	.13	.68	.17	2.10	.02	.05				.19				.46			5.97
Beardstown Lgrng 4 R		.24	.21						.07			.06	.13	1.73	.02	.67	.04	1.21	1.14	.03								.42				5.97
Belleville Scott AF Z //		.27	.55						T	.06			.75	.03	T	T	T	T	.04	.36			.01	T				.06		.06		2.19
Belvidere Sewage Pl R		2.28	.03										1.99	.09	.40	.08		1.12		.36				1.23					.09			7.31
Bentley			.38						.04	.03		.05	.43	2.28	.36		.18	.78	1.44	.05				.03								6.05
Benton			1.40							.05			.95							.05									.15		2.60
Bloomington Normal			.26						.74			.02	1.38	.11	.61	.18	.01	*	3.22	.08				.08					.22	.11		7.02
Bluffs			.84						.18				.29	*	.45	.03	.11	.13	1.58	.19				.02					.33			4.15
Bradford CAA AP 6	T	.40	T						.01			.22	1.23	.25	.01	.12		2.03	.05	T				.36				.01				4.69
Brookport Dam 52			.25	1.19						.40	.07			1.02						.28	.99	.62	.05									4.87
Cairo WB City Z		T	1.32					T	T	1.67			.42						.36	.26		T	T	.01								4.04
Canton		T	.13						T			.20	.60	.18	.43	.42	T	1.04	2.87	.05			T									5.92
Carbondale Sewage Pl		1.70	.54						.09					.14					.17	1.06	.09											3.79
Carlinville 4 E		.02	.87						.90			.82	2.56			.28	.04	.36	.62	.14												6.61
Carlyle		T	1.13						.03				1.49	.09			1.36	.10	.70	.32						.06		.01		.02		5.31
Carmi		.02	1.77						.02	.01			.60				.02	.06		.48	.02											3.00
Carpenter 1 SW R		.30	1.53						.12	.09		.17	1.28	.67		.32		.15	.08	.13												4.84
Casey		.71	1.83						.30				.47		.33	.33		.24	1.40					.03	1.02							6.66
Centralia 4 W			1.91						.49				.36				.45	.15	.23	.16						.02		.03		T		3.80
Chandlerville			.15	.58					.10			.14	.14	.84	.28	.06	T	.20	1.85	T				.03					.15			4.52
Channahon Dresden		.40	1.07							1.08			.85	.18	.12	.24		.52	.80		.02			.20	.70			.15			6.33
Charleston			.58						.51				.50	.16		.48		.32	-	-				.10			T		T		-
Chenoa		.65	T						.27	.08		.04	.68		.73	.96		1.92	.45	.05				.28			.30				6.41
Chester			.34	1.08						.24				.60						T	T		T	.03				T			2.29
Chicago Cal T Wks R		2.91							.56	.01			1.27		.42	.27		.91	.06	.02				1.67				.26	.01	.04		8.41
Chicago Hghts		1.99	.57							.80			1.01		.10	.02		.70	.19	.04				.88					.29	T		6.59
Chicago Lakeview P R		4.06											1.41		.43	.28		.91						.75				.06		.01		7.91
Chicago Loyola Univ R		2.98							.01				1.29		.21	.30		.84						1.01				.11				6.75
Chicago Mayfair P S R		4.61							.01				2.09		.54	.33		.48				.02		1.20				.07	.01		9.76
Chicago N Bra P S R		3.20							.01				1.28		.33	.29		.73					.01	.89				.10		.02		6.86
Chicago Roseland PS R		3.36							.73				1.22		.45	.27		1.59	.05				.01	1.60				.09		.03		9.40
Chicago San D D R		3.10							.22				1.33		.11	.36		.91				.02		1.45				.03		.01		7.54
Chicago San Dist O R		3.94							.02				1.33		.10	.04		.78				.01		.89				.05				7.16
Chicago S Filter Pl R		3.29							1.39	.01			1.42		.59	.36		1.29	.01					1.47				.13		.02		9.98
Chicago Spgfld P R		4.88							.02				1.35		.18	.06		.82						.57				.06				7.94
Chicago Univ Z		3.02							1.07			T	1.30		.55	.30		1.07	.02	T		.01		1.94				.05		.02		9.35
Chicago WB AP Z		2.35	T						.74				1.10	T	.36	.79		1.12	.01	T		.01	T	2.31				.07		.03		8.89
Chicago WB City Z		4.09	T					.03	.03				1.36		.04	.04		.82	.01	T		.03	T	.85				.07		.01		7.38
Chillicothe		.12	.22						.11	.15		.17	1.32		1.97	T		1.28	1.21	.02			.08	.33					.03			7.01
Cicero		1.75	1.15						T	.09			1.60		.15	.32		.94	.02	T		T	T	.57				.03	.01	T		6.63
Cisne Brown Camp R			.76										.25					.26	.96	.20										.50		2.93
Clinton 1 S		T	.10						.18			.15	1.34	T	1.55	.80	T	.67	1.44	T				T	.30	T			T	.10		6.63
Collinsville R			.90						.15					1.30					.38	.25								.05				3.03
Coulterville R		.05	.64							.03				.14					.20	.18								.04				1.28
Crete R		2.82	.20						.04	.69			.99		.25			.82	.07					.28				.21	.01			6.38
Danville			.38						.56	.09			.48		.78	.49	.02	.97	.84	T					1.16					.02		5.79
Danville Hosp R		.03	.40						.39	.09			.45		.94	.55		1.05	.69					.86						.07		5.52
Danville Sewage Pl			.37	.14						.63				.53	.82	.19	.24	.03	1.59	.03	T				1.05				T			5.62
Decatur			.24						.42			.02	1.51	.66	.43	.25		.33	1.18	.02				.20				.48				5.74
Des Plaines 1 NW		1.80	.80							.16			1.65		.29	.41	.87	.02		T		.09		.57	.02			.13				6.87
Dixon R		*	1.66						.62				.55	.32	.06			1.21	1.48			.27		.28	.03					.15		6.63
Dixon		3.54	.06						.02	.05			2.12		.33	.13			.04	T				.31						.03	.02	6.65
Douglas R		.09							.05			.69	1.03	.88	.05	.04		3.27	.33						.04							6.47
Downs 2 NE R			.09						.63			.09	1.33	.24	1.43	.14		2.13	.67								.14			.20		7.09
Du Quoin			.96							.12			.76							.34	.02					.12		T			.10		2.42
Dwight		.38	.32						T	.48		T	1.26		.27	.22		1.07	.90	.05				.09					.30			5.34
Dwight St. Ref R	.03	.99	.01							.44			1.25		.44	.16		1.93	.07	.02				.28				.34				5.96
East St. Louis		.15	1.22						T	.03			.90	1.10	T	T			.24	.51			T					.07		T		4.22
Edwardsville		.22	1.94					T	.02	.05		T	.61	.93			.64	T	.07	.21	T	T	.07	T				T				4.76
Effingham CAA AP Z //		.64	.97					T	T				.43	.48	T	T		.51	1.03	.06			T	T				T		.05		4.17
Elgin		2.66	.04						1.36				1.64		.18	.08		1.07	T					1.12				T	.06			8.21
Elizabethtown			2.05	.01					.24	.55			.33							1.03	.43	1.45										6.09
Elsah		.15		.84								.55	.26	.73			.12		.18	.19								.05				3.07
Evanston Pump Sta R		2.23	.02						.01				1.05		.27	.21		.81				.01		.79				.13		.01		5.54
Fairbury Water Wk R //		.18							.35	.05			.70		.56	1.16		1.83	.53	.04				.06				.13				5.59
Fairfield			.43						-	.04			.58					.33	.40	.38												-
Farmer City R			.13						.15	1.09		.05	1.12	.02	.55	.11		1.89	.40					.52				.08		.13		6.24
Flora		.10	1.16										.52	.11				.21	1.21	.03							T	T		.06		3.40
Freeport		1.55	.15						.05				2.74		.34	.30		1.38	.04		.45		.06	.94				.09		.02		8.11
Freeport Sewage P Z		1.10	.54						.02				2.75	T	.29	.26		1.35	.02		.45		.01	.77	.07				.05			7.68
Fulton Dam 13 Z		2.46	.25						T				1.72	*	.34	.09		1.98	.07		T			.22	.06				T	T		7.19
Galatia 1 W R		.67	1.77							.06			.54						.04	.95	.13											4.16
Galesburg			.63						.08			.48	1.28	.03	1.00			1.49	2.46					1.38					.08			8.91
Galva	.01	.19	.36									.21	.91	.10	.66	T		2.05	.62					.66				T				5.77
Geneseo		.16	.16						.05			.27	1.39			.49		1.93	.18					.40				T				5.03
Gibson City			.01						T				*	.47	.89	.79	.95	2.05	.01		T	.01		.10					T	.50		5.78
Gladstone Dam 18		.07	.42						.13	T			.75	.60	.10	.42		1.24	2.95	T	T			.17	.33				.03			7.21
Glendale Exp Fm Z			*	1.90						.09				.45					.27		.40	.66										3.77
Golconda Dam 51 Z			.17	1.85					T	.06	.48			1.18						.20	1.12	.52										5.58
Golden			.37						.03			.22	.24	2.74	.75	T		.10	2.50	.06				T					.10			7.11
Grafton			.90	.21						.15			.19	.07	.15		.10	.07	T	T	.16								T			2.00
Grand Tower 2 N		T	1.52	.03				T		.29			.91							T		.24		T			T			.13		3.12
Greenfield R		1.02	.38						.73	.24			.24	.86	.05				.31	.13								.13				4.09
Greenup			4.55						.07				.57	.40	.04		*	*	2.47	.05		.06	T	T								8.21
Greenville		.04	1.59							.05		T	1.25	.89			.20	.06	.43	.07								T	T	T		4.58
Gridley		.18							.80			.08	.89		.87	.76		1.00	1.34	.05				.17	.18				.27			6.59
Griggsville			.68						.07				.35	.10			.15	.35	.07													1.77
Hardin			2.27						.16	1.53		.92	.43	.26	.28			.10	.16	.46										.12		6.69
Harrisburg		T	1.28						T	.11			.90			T				1.10	.12	.15	T									3.66
Harrisburg Disp Pl		T	.24	1.18						.08			.96							.55	.90	.15										4.06
Havana		T	.16						.12	T		.13	.65	.53	.37	.19	.01	1.50	1.02	.04				T					.22			4.94
Havana No. 2			.13	.06					T	.06			.12	2.00	.03	.33	.18	.67	1.88	.01	.02				.06			.10				5.65
Henry		.19	.40						T				2.15		.11	.66		2.49	.05					.57								6.62
Hillsboro		.74	1.85						.17	.05			1.03	1.09		.19	.01	.41	.45	.15				.03				T	T			6.17
Hoopeston Z			.16						.03			T	.89	T	.45	.26		.68	1.24	T				.83	1.40					.18		6.12
Hudson Lake R		.33							.31			.13	.85		.72	.29		2.11	.65	.06				.41				.22				6.08
Hutsonville R //		.10	.95						.03				.58	.03	.09			.75	.75			.03		.02	.30					.38		4.01
Hutsonville P Pl			.57	.39						.14				.72	.29	.03		.09	1.29	.02				T	.69							4.23
Illinois City D 16 Z		.28	.08						.13				2.28		.49	.02		2.30	.54					.84	.09							7.05
Jacksonville			.22						.10			.03	.32	.80		T		.18	1.38	.10									.25			3.38
Jacksonville S Pl R			.22						.16			.08	.32	.87				1.21	.61	.06								.11				3.64
Jerseyville			1.45							.23	.15	.37			.05			1.37		.16												3.78
Joliet Brandon Rd		1.26	1.54							1.05			.80	.09	.10	.23		.78	.30					.14	1.33				.21			7.83
Joliet WB AP 6		2.30	.01						.98	T			1.10	.02	.20	.02		.92	.04	T			T	1.57				.15		T		7.31
Kankakee		.23	.04						.05	.45			1.07		.82	.21		1.08	.75	.02			T	.52					.21			5.45

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station	Day of month																												Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Kankakee 4 W		.36	.04						T	.89			.99		.28	.08		.90	.71	.03				.18					.20			4.66
Kankakee Sewage Pl R		.28	.04						.01	.59			.79		.44	.07		1.41	.11	.02				.16				.17				4.09
Kathleen		T	.32						.04				1.90		.60	T		1.45	1.50					.30	.20							6.31
Kewanee		.17	.20						.11			.22	1.91		.26			1.92	.64					.71				T				6.14
Kewanee Baker Pk R		-	-	-	-	-	-	-	-	-		.30	1.80	.35		.04		2.21	.04					.85								-
Kickapoo		.12	.09							.07			.98	.17	1.08		.29	1.00	2.50					.28	.30			T				6.88
La Harpe 1 SW		.02	.48						.02			.14	.12	1.09	.44	.04	T	1.28	1.22	T				.04								4.89
Lanark P		2.01							.06				1.68	.27	1.18	.06	.07	1.34						.41				.29				7.37
La Salle		.20	.66						.02			.05	2.31		.25	.65		1.04	.43	T				.19	T				.02			5.72
Lawn Ridge R		.32							.03			.16	1.31	1.09				.75	1.40				.58			-	-	-	-	-		-
Lawrenceville	.11	.05	-	-	-	-	-	-	-	.76			.71	1.94		.07		.08	2.21					.48								-
Le Roy		.03	.12						.24	1.31		.05	1.10	.12	.64	.02		1.26	1.04					.49	.07				.24	.15		6.88
Lincoln		T	.14						.32	.15		.14	.39	.24	.69	.89		1.11	1.15	.02			T	.14	.06				.50	.01		5.95
Lincoln No. 2			.04	.08						.44			.14	.55	.13	.57	.89	.56	1.68	.02	.02			T	.20				.49			5.81
Lockport L & D R		1.52							.52				.98					.89						1.78				.05				5.74
Lockport Pwr House R		2.75							.59				.98		.29			.86	.01					1.69				.05		.01		7.23
Louisville R		.10	1.62										.75	.19		.30	.50	.99	.72											.80		4.91
Mackinaw		.02	.05						.62			.07	1.11	.47	.62			.68	.77													8.21
Macomb		.17	.37						.02			.49	.31	.70	.98	.78	T	.41	3.02	1.44									.38			6.36
Marengo		2.34	.01										1.19		1.01	.16		1.20	1.31					.03								8.69
Marietta R		.17																1.10		.01	T			2.71				.15		.01		
Marion			2.21	.09						.16			.26					2.84	.90					.10								6.71
Maroa R			.07						.38				1.15		.30	.50		.99	.72	.33	.35											3.40
Marshall		.20	2.95						.31	T			.51	.36	1.55	T	T	.30	1.82	.01				.20				.06				4.37
Mascoutah		.02	.98					T	.01			T	1.52	.12			T		.09		T	.06	T	.06	.65			T	T	.39		9.11
Mason City R		.28	.14	-	-	-	-	-	-	-	-	-	-	1.75	.20	.20		1.61	.34					.15		.26		.36		T		3.42
Mattoon		.36	.64						.86			T	.70	.29	.23	.02		.41	1.57	.05		.08	T	.08	.03			.40				-
Mc Henry R		3.25											2.10		.26	*	*	.90					.17	1.20				T		.08		5.40
Mc Henry 2 S		2.18	.54										1.95	.06	.33	T		1.03		T	.02			1.36	.03			.24				8.12
Mc Leansboro			-						T	T			.63						.18	.62								.10	.08	T		7.68
Medora		.05	1.33						.05	.22			.35	1.80	T	.10		.70	.40	.40								T		T		-
Minonk		.25	.10						.12	.31		.11	1.31		2.52	.31		1.05	.93	.04				.51					.24			5.40
Moline WB AP Z //	T	.26	T					T	.47			.17	1.29	.50	T	T	T	2.16	.02	.01			T	.23		T	T					7.80
Monmouth AP			.63						.38			.60	.80		.08	1.55		1.35	2.73					1.02								5.11
Monticello			.27						.28				.82	.21	1.10	.38		.82	1.09			.18		.48								9.14
Morris		.28	.54							.78			1.03	.42	.13	.08		.40	1.04					.10	.82				.12			5.63
Morris 3 NE		.88	.20						T	.65			1.14	.01	.12	.15		.91	.38	.01				1.07					.13			5.74
Morrison		2.65	.02						.06			.08	2.26		.46	.23		1.79	.03	.02				.39				.02				5.65
Morrisonville R		.35	.77						1.25				.75	2.25				.16	1.12	.10												8.01
Morrisonville 1 E		.17	.80						.97			T	.77	2.17				.07	1.30	.09			T					T				6.75
Mt Carmel			.30	1.80									1.16	.35				.10	.25	.10	.05	.32			T							6.34
Mt Carmel Water Wks R			1.80						.24				.63	.86				.15	.13	.07												4.43
Mount Carroll		2.03							.19			T	1.87		.33	1.43		1.32		.01	.01			.56				.10		.01		3.88
Mount Olive		1.28	.98						.12	.05		.01	1.23	1.56				.15	.44	.14				.01					.08			7.86
Mount Pulaski		T	.10						.43				.83	1.90	.66	.18	T	.42	1.73				T	.45					.45			6.05
Mount Sterling			.25						.05			.39	.18	1.95	.10			.38	1.97	.07									.08			7.15
Mt. Vernon			.87										.66					.28	.32	.31										2.81		5.42
Murphysboro Wtr Wks R //		.21	1.60							.15			.66						.04	.35	.06											5.25
Nashville 3 NW		.02	.94						T	*	.10		.44				.05	.32	.25	.37								.05		T		3.07
Newark 7 E		2.30	.30						T	1.12		*	1.60		.17	.14		.97	.15					2.48					.10			2.54
New Boston Dam 17		.10	.14						.01				1.70	.03	.67	.04		1.78	1.98					.40	.21				.35			9.33
New Boston 2 NW			.45										1.65		1.20			1.74	2.09						.45				.33			7.41
New Burnside		T	1.23						T	.37			.79						T	.58	.30	.08	T					T				7.91
Newton Z		T	2.11						.15				.81	.25	.15			.13	1.13	.01		T		.01						.18		3.35
Olney Radio Sta		.12	1.00						T				.72	.98				.26	2.02	.05				.02						.06		4.93
Oregon R		2.40											1.40		.64	.08		1.32		.70	.05			.30				.10				5.23
Oregon Water Wks		2.25	.16						.06					1.47	.08	.68	.15	1.30	.12	.75				.38	.03				.12	.02		6.99
Ottawa		.57	.05						T	.02		.02	1.93	.16	T	.24		1.06	.38	T				.60				T	.03			7.57
Palestine		.20	.76										.70	.05	.47			.57	1.82	.02			.35	.25		T				.36		5.06
Pana		.72	.68						.30			T	1.20	1.70		T	T	.50	1.48	.10				.02						.19		5.55
Paris Sewage Pl R	.40	.15	.62	.18					1.27	.17			.36		.07			.03	.99	.72				.41	.04					.25		6.89
Paris Water Wks		.16	.90						.97	.80			.38	T	.90	.07	T	.78	.97	T				.09	.29			T		.22		5.66
Paw Paw		2.70	*	1.00					.04	.50			1.90	.18		.10		1.30	.05		.10			1.10					.19			6.53
Payson		.38	.02						.21			.20	.25	2.04	.20	.03	.03	T	.85	.05								.08	T			9.16
Peoria Lock & Dam R //		.10	.04						.05			.08	.90	.13	.99	.02		2.23	.58													4.34
Peoria WB AP Z	T	.10	T						.19			.21	.88	.60	.39	T		3.06	.42	.05				T				T				5.12
Peotone		.51	.94						T	.60				.86		.62		.80	.44	T	.04			.51	T				.24			5.90
Peru		.22	.54							.04			2.35	.19	.20	.57		.97	.47					.01	.17				.02			5.56
Petersburg			.14						.74	T		.07	.10	.60	.21	.28	T	.43	1.43	.04				.04					.02			5.75
Piper City R		.11							.76	.15			1.11		1.11	.08							.09					.08	.01			4.10
Pittsfield Wtr Wks R			.12						.06	.05			.04	.38	.06		.03	.09	.04	.05								.05				3.50
Pleasant Hill 2 E			.46						.40	T		.05	.01	.20	.16		.03	T	.22	.14			T						T	.29		.97
Pontiac		.29	.02						.10	.21		.03	.95		.47	.37		1.30	1.00	.05				1.28					.30			1.96
Prairie Ctr Teacher R		.25	.45						.04	.21			.55				.04		.23	.07		.04						.06				6.37
Princeton 1 R //		.40										.15	2.25	.01	.18	.24		1.60	.05				.40					.02	.02			1.94
Princeville 4 NW		.61	.19							.03		.24	.95		2.50			1.38	1.21	.03				.41					.15			5.32
Prophetstown R		.59							.24			.15	1.65	.65	.23	.63		1.40						.32				.10				7.70
Quincy			.53						.32			.09	.19	2.20	.14	.35	.07	.22	1.10	.09			.02					.16				5.96
Quincy CAA AP 6		.05	.17						.06			.10	.04	5.84	.01	.03	.03	1.00	.36	.06		T		T				.02				5.48
Quincy Dam 21 Z			.43	.02					T	.08			.22	2.28	.15	.02	.20	.37	1.08		.07		T						.02			7.77
Quincy Memorial Br			.45	T					T	.25			T	2.12	.36	.02	.15	.38	1.13	T	.06		.01						.09			4.94
Rantoul Chanute AF Z //			.14						.05	.98		T	.51		.84	1.03		1.76	.45	T				1.95				T		.03		5.02
Red Bud		1.34	3.27						.19				.86					.06	.19	.15								.06				7.74
Richview R		.05	.64										1.65			.30	.02	.25	.16	.25									.02			3.12
Roberts 3 N		T							.38	.12		T	.90		.82	.72		1.02	.36	T				.18					.20			3.34
Rochelle		3.08							T				1.87		.52	.05		1.29	.03		.41			.89				.06				4.70
Rockford			.51						.04				2.21		.19	.24		1.30		.03	.05		T	1.00				.05		.05		8.20
Rockford 4 NE		.95	.50						.02				2.10		.52	.05		1.20	.02	.04				1.10	.03				.50			-
Rockford CAA AP 6		1.68							.08				1.94	.44	.20			1.23	T	.06		T	.90	.45				.11		.05		7.03
Rock Island Dam 15		.29	.16						.14				2.05	T	.55	T		1.42	.30	T	.01			.44	.08				T	T			7.14
Rockport			.58						.10			.26	T	.27	.26		.06	.20											T			5.44
Roseville		.26							.06			.34	.24	.76	.87	.15	T	T	3.05	.07												1.73
Ste Marie			.78	.65										1.13	.11	.01	T	.31	1.84	.13					.06				T			5.80
Salem			3.25						.08				.67					1.00	.23	.23						.01		.02		.04		5.02
Channahon New Twn			.17	.90					T	T	.04			.65			.05			.15	1.14	.10	T	T								5.53
Sidell			.08	.23						.25			.01	.42	.49	.04	.13		1.55		.04			T	1.10				.03			3.20
Skokie S S Tr Wks R		2.66	.01						.01				1.25		.48	.13		.82						.97				.09		.01		4.35
Sparta			.04	.65				T	T	.18			.54				T		.04	.04			T					.03		.01		6.43
Springfield WB AP Z		.01	.15						.66			.06	.49	.50	.03	.21		.82	1.27	.05			T					T				1.53
Springfield WB City Y		.01	.14						.78			.04	.85	.52	.01	.13	T	.59	1.77	.03			T	.06				T				4.25
Stirrey W Side Gr R		2.72							.42				1.49		.22	.27		.95						1.82				.02		.02		4.93
Stockton		2.94	.07						.08				1.78		.32	.05		1.31		.01	.22		.05	.75				.05				7.93
Streator		.21							T	.08		.04	1.42		.18	.38		1.14	.79	T				.55					.29			7.63
Sullivan Str Wks R		.32	.43						.48	.85			.95	.08	.41			.49	.92					.37	.29			.08				5.08
Sycamore		2.54	.05						.04				1.60	.21				1.28				.05		.96				.10				5.67
Table Grove			.22						.06			.36	.51	.71	.35	.35	T	1.21	.99	.07				T				T				6.83
Tallula Ltl		.12	.23						.94	.09			1.13	4.28	T	T	T	.19	.06				T	T					T			4.83
Taylorville		.25	.19						T			.20	1.83		.22	.04		1.21	.56	T				.43					.13			7.04
Toulon		.22	.09						.01	.01		.19	1.31		.85			1.81	.71	.01				.55								5.06
Tuscola		.10	.34						.20				.68		1.02	.21	.02	1.08	.66	.01				.23	1.12					.21		5.76
Urbana		.03	.26						.10	.68		T	.44	.11	.57	.04	T	.85	.93				T	.16	.27				.08	T		5.88
Urbana Exp Farm R			.20						.09	.40				.51	.56	.04		1.09	.50					.37				.04				4.32
Urbana Exp Campus			.33							.74		T	.44	.11	.45	.06	.03	.66	.95	.03	T			T	.36	T			.06			3.80
Upper Sherrod Rock 1		.30	.35								T		1.64	.25	.20	.34		.80	.81					.15	.61				.02			4.22
Virden		.17	.83						1.67	.14		T	.80	2.83				T	1.38	.09			T	T				T				5.47
																																7.91

See reference notes following Station Index

Station		Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Walnut			.38							.20			.08	2.28	T	.29	1.00		*	1.34					.58				T				6.15
Warsaw				.57						.05			.33	3.29		.47	.25		.47	2.40													7.83
Washington	R		.20							.25			.20	1.01		.80	.10		2.00	.70	.04				.07								5.27
Waterloo				.95	.02						.14			2.20	.03			.03		.15	.38								.08				3.98
Waterman	R //		3.98								2.48			1.35		.19	.06		1.55		.07				.53				.07				10.28
Watseka				.02						.26	.71			.82		.68	.17		.93	.77	T			T	.27					.12			4.75
Waukegan			2.26	.02										1.34		.51			.71		T				.96				.30		T		6.10
Wayne City		.06		.32	.62										.35					.13	.23	.67								.02			2.40
Wenona	R		.68							.05	.25		.13	1.09		.17	.30		1.95	.06				.56					.39				5.63
West Frankfort 8 E	R		.03	2.66						.06	.09			.76							.29	.71									.05		4.65
Wheaton College			2.22	1.92							.06			1.25		.20	.07		.97	.02		T			.38					.14	T		7.23
White Hall 1 E				.35						1.27	.31		.02	T	.78				.04	.26	.11								T				3.14
Wilcox				.30	.90										.80	.10				1.30	.13				.05								3.58
Windsor			.36	.67						1.85				1.05	.45	T			.16	1.56	.06				.09	.19				.11	.17		6.72

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
DWIGHT STATE REFORM																.03									.03
ILLINOIS CITY DAM 16															.02	.02									.04
KEWANEE BAKER PARK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS SEWAGE PLANT	.01	.01				.27	.11																		.40
—2d—																									
ALEXIS WATER WORKS		.06	.01																.28	.14	.06	.01			.56
AUGUSTA HIGH SCHOOL																				.36	.07				.43
BEARDSTOWN LAGRANGE DAM //																						.17	.07		.24
BELLEVILLE SCOTT AF BSE //														*	*	*	*	*	*	*	*	*	*	*	*
BELVIDERE SEWAGE PLANT				.18	.35	.49	.13	.02	.15	.02	.01	.02	.09				.73	.05	.03	.01					2.28
BRADFORD CAA 6		*	*	*	*	*	.11	*	*	*	*	*	.01	*	*	*	*	*	.04	*	*	*	*	*	-
CARPENTER 1 SW															.25								.03	.02	.30
CHICAGO CAL TREAT WKS				.04	.24	.24	.28	.47	.78	.06			.02						.28	.45	.01			.04	2.91
CHICAGO LAKEVIEW PUMP				.04	.24	.71	1.14	.25	.09	.23	.04	.01						.02	.46	.06	.33	.44			4.06
CHICAGO LOYOLA UNIV					.20	.49	.91	.19	.06	.19								.02	.63	.01	.12	.16			2.98
CHICAGO MAYFAIR PUMP ST				.02	.25	.64	1.39	.24	.10	.23	.04							.08	1.00	.05	.28	.28	.01		4.61
CHICAGO N BRA PUMP STA				.05	.19	.61	.74	.16	.07	.24									.59	.07	.21	.24	.03		3.20
CHICAGO ROSELAND PUMP STA				.02	.16	.40	.54	.26	.58	.08									.63	.60	.07	.02			3.36
CHICAGO SAN DIST DISPAT				.04	.26	.32	.32	.09	.13	.08									.61	.27	.35	.63			3.10
CHICAGO SAN DIST OFF					.17	.33	.37	.11	.09	.13									.96	.61	.27	.90			3.94
CHICAGO S FILTER PL				.01	.16	.36	.12	.35	.20	.09	.01	.01							1.33	.43	.18	.04			3.29
CHICAGO SPRINGFLD PUMP				.04	.22	.40	.46	.17	.08	.21								.05	.76	.35	1.13	1.01			4.88
CHICAGO UNIVERSITY				.02	.23	.41	.37	.11	.13	.05									1.12	.53	.01	.04			3.02
CHICAGO WB AIRPORT				.03	.30	.32	.35	.10	.23	.02								.03	.27	.62	.03	.05			2.35
CHICAGO WB CITY				.01	.16	.38	.40	.15	.10	.19									.90	.56	.34	.90			4.09
COLLINSVILLE																.04	.01					.01	.03		.09
COULTERVILLE																.04	.01								.05
CRETE						.57	.45	.26	.52	.62	.05	.01	.01	.04					.02	.06				.21	2.82
DANVILLE HOSPITAL																								.03	.03
DIONA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DOUGLAS																					.04	.03	.02		.09
DWIGHT STATE REFORM					.32		.17												.34		.02			.14	.99
EFFINGHAM CAA //																	.28			.01	.02		.03	.36	.70
EVANSTON PUMP STA					.17	.34	.54	.20	.07	.09	.09			.03					.48	.03		.16	.03		2.23
FAIRBURY WATER WORKS //																		.08	.05						.18
FREEPORT SEWAGE PLANT		.06	.33	.39	.19	.03	.12	.16	.05	.01	.19	.01	.01								.05	.08			1.68
FULTON DAM 13	.03	.17	.46	.57	.86	.31																			2.40
GALATIA 1W																					.02	.02	.63		.67
GREENFIELD																							.14	.88	1.02
HUDSON LK BLOOMINGTON																	.33								.33
HUTSONVILLE //														.03	.03					.01			.01	.02	.10
ILLINOIS CITY DAM 16	.04	.14																.07	.01						.26
JOLIET WB AIRPORT 6		*	*	*	*	*	.38	*	*	*	*	*	1.49	*	*	*	*	*	.18	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT						.02	.11	.01										.01	.13						.28
LANARK		.13	.18	.99	.19	.11	.16	.04	.02		.10						.09								2.01
LAWN RIDGE		.05																.17		.02	.08				.32
LOCKPORT LOCK AND DAM				.10	.27	.07	.06	.23	.17										.54	.07	.01				1.52
LOCKPORT POWER HOUSE				.09	.29	.11	.57	.88	.15			.01							.58	.05	.01			.01	2.75
LOUISVILLE																							.10		.10
MARIETTA																				.07	.06	.01	.02	.01	.17
MASON CITY																						.14	.12	.02	.28
MC HENRY			.02	.02	.12	.29	.28	.08	.12	.04	.08	.15	.08	.02			.11	1.22	.49	.12	.01				3.25
MOLINE WB/AIRPORT //		.17																	.02	.06	.01				.26
MORRISONVILLE														.05	.05								.24	.01	.35
MURPHYSBORO WATER WORKS //																								.21	.21
NEWTON																								.15	.15
OREGON			.02	.20	.80	.91	.17	.20	.06	.02	.02														2.40
PARIS SEWAGE PLANT						.12	.03																		.15
PEORIA LOCK AND DAM //																						.07	.02	.01	.10
PEORIA WB AIRPORT			.02																		.04	.03		.01	.10
PIPER CITY																		.09	.01	.01					.11
PRAIRIE DU ROCHER W WKS																.10						.08	.02	.05	.25
PRINCETON 1 S //				.05		.02													.22		.01	.05	.04	.01	.40
PROPHETSTOWN		.22	.17	.01		.04	.05	.02	.01						.03	.02				.01	.01				.59
QUINCY CAA 6																				*	*	*	*	*	-
QUINCY DAM 21																				.10					.10
RANTOUL CHANUTE AF BASE //																								.01	.01
RICHVIEW																								.05	.05
ROCKFORD CAA 6		*	*	*	*	*	1.04	*	*	*	*	*	.40	*	*	*	*	*	.22	*	*	*	*	*	-
SKOKIE N S TREAT WKS					.20	.44	.76	.19	.10	.13	.03							.06	.61	.01	.01	.11	.01		2.66
SPRINGFIELD WB AIRPORT //																								.01	.01
SPRINGFIELD WB CITY																								.01	.01
STICKNEY W SIDE TREAT				.03	.24	.26	.45	.07	.13	.10	.01								.32	.28	.24	.59			2.72
SULLIVAN WATER WORKS //															.04	.01	.06	.01	.02				.07	.11	.32
VANDALIA																								.02	.02
WASHINGTON																						.14	.06		.20
WATERMAN //				.10	.22	.30	1.43	.30	.40	.10								.04	.38		.46	.25			3.98
WENONA				.09	.01															.40			.18		.68
WEST FRANKFORT 8 E																.03									.03
—3d—																									
ALEXIS WATER WORKS																-	-	-	-	-	-	-	-	-	-
AUGUSTA HIGH SCHOOL		.01	.01	.01	.01	.01			.01																.06
BEARDSTOWN LAGRANGE DAM //	.01	.01						.02	.06	.08	.03														.21
BELLEVILLE SCOTT AF BSE //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.82									.82
BELVIDERE SEWAGE PLANT		.01	.02																						.03
BRADFORD CAA 6	.24																								-
CAIRO WB CITY		.02	.04	.04	.02	.01	.16	.47	.12	.01	.06	.07	.10	.11		.04	.05								1.32
CARPENTER 1 SW	.04	.02			.28	.12	.10	.03	.66	.15	.09	.02													1.53
CISNE BROWN CAMP					.06	.09	.06	.13	.13	.12	.05	.04	.01	.01			.06								.76
COLLINSVILLE	.04	.02		.01	.04	.11	.16	.16	.11	.09	.12	.02													.88
COULTERVILLE		.09	.11	.01	.03	.03		.06	.12	.10	.01	.04		.02	.01	.01									.64
CRETE	.16	.04																							.20
DANVILLE HOSPITAL	.04	.02	.02	.03	.11	.05	.01		.03	.02	.02	.01		.01	.02	.01									.40
DIONA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.66									1.66
DOWNS 2 NE		.02	.03					.01	.02	.01															.09
DWIGHT STATE REFORM	.01																								.01
EFFINGHAM CAA //	.04	.03	.03	.01	.07	.09	.10	.06	.09	.16	.18	.17	.02												1.05
EVANSTON PUMP STA		.01		.01																					.02
FARMER CITY		.05	.02	.01			.02	.02		.01															.13
GALATIA 1W			.02	.01	.02	.04	.05	.31	.39	.17	.11	.01	.06	.22	.35		.01								1.77
GLENDALE EXP FARM		.03	.07	.08	.13	.02	.14	.66	.31	.23	.21	.02													1.90
GOLCONDA DAM 51			.05	.03	.07	.05	.08	.27	.46	.08	.41	.23	.05	.07	.06	.06			.02						1.99
GREENFIELD	.09	.01	.02	.03	.04	.06	.03	.03	.01	.02	.02	.01		.01											.38
HOOPESTON	.02	.01	.02	.02	.03	.01	.01	.01				.03													.16
HUTSONVILLE //	.24	.11	.01		.08	.04	.06	.04	.01	.11	.12	.07	.02	.01	.02	.01									.95
JACKSONVILLE SEWAGE PL				.02	.02		.01	.05		.04	.07	.01													.22
JOLIET WB AIRPORT 6	.25	*	*	*	*	*	.01																		-
KANKAKEE SEWAGE PLANT	.03	.01																							.04
LOUISVILLE	.05	.32	.33	.01	.01	.01	.04	.04	.47	.30	.03	.01													1.62
MAROA	.03	.04																							.07

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MASON CITY									.05	.05	.02	.01	.01													.14
MORRISONVILLE		.33	.12	.06	.01	.03	.02	.05	.01	.02	.01	.06	.04	.01												.77
MT CARMEL WATER WORKS							.19	.11	.08	.06	.57	.38	.03		.14	.03	.13	.04	.03	.01						1.80
MURPHYSBORO WATER WORKS	//		*	*	*	*	*	*	*	*	*	*	*	*	*	1.55	.04	.01								1.60
NEWTON		.20	.43	.52	.30	.10		.01	.04	.05	.01	.02	.18				.02	.02								1.90
PARIS SEWAGE PLANT		.14	.04	.18	.02	.05	.03		.02	.08	.06															.62
PEORIA LOCK AND DAM	//	.03	.01																							.04
PITTSFIELD WATER WORKS										.09		.01	.01	.01												.12
PRAIRIE DU ROCHER W WKS		.17	.23	.04	.01																					.45
QUINCY CAA	6	.05	*	*	*	*	*	.17																		-
QUINCY DAM 21			.03	.04	.03	.08	.02	.08																		.28
RANTOUL CHANUTE AF BASE	//	.04		.05	.03	.01			.01		.01	.01														.16
RICHVIEW		.01	.02	.07	.01	.04	.10	.01	.04	.04	.07	.18	.04	.01												.64
ROCKFORD CAA	6	.02																								-
SKOKIE N S TREAT WKS		.01																								.01
SPRINGFIELD WB AIRPORT	//	.03	.01	.01	.01		.01			.01		.05	.02													.15
SPRINGFIELD WB CITY		.05	.01								.01	.04	.03													.14
SULLIVAN WATER WORKS	//								.05	.10	.11	.09	.06	.02												.43
URBANA EXP FARM				.03	.05	.02			.02		.04	.02		.02												.20
VANDALIA		.01			.21	.22	.15	.10	.03	.29	.20	.07	.03													1.31
WEST FRANKFORT 8 E					.43	.04	.03					.04	.09	.34	.55	.49	.02	.06	.01	.40	.06	.06	.04			2.66
														—4th—												
MASON CITY												.12	.02					-	-	-	-	-	-	-	-	-
PARIS SEWAGE PLANT											.02	.05	.05	.02	.02	.01		.01								.18
														—9th—												
AUGUSTA HIGH SCHOOL																				.05						.05
BEARDSTOWN LAGRANGE DAM	//																			.02	.05					.07
BRADFORD CAA	6		*	*	*	*	*	.01																		-
CARPENTER 1 SW																.09	.02	.01								.12
CHICAGO CAL TREAT WKS																								.42	.14	.56
CHICAGO LOYOLA UNIV																							.01			.01
CHICAGO MAYFAIR PUMP ST																							.01			.01
CHICAGO N BRA PUMP STA																								.01		.01
CHICAGO ROSELAND PUMP																								.69	.04	.73
CHICAGO SAN DIST DISPAT																					.01	.19	.02			.22
CHICAGO SAN DIST OFF																							.01	.01		.02
CHICAGO S FILTER PL																							1.18	.18	.03	1.39
CHICAGO SPRINGFLD PUMP																							.02			.02
CHICAGO UNIVERSITY																							.73	.33	.01	1.07
CHICAGO WB AIRPORT																					.02		.70	.01	.01	.74
CHICAGO WB CITY																							.01	.02		.03
CRETE																								.02	.02	.04
DANVILLE HOSPITAL																.32	.01	.04	.01						.01	.39
DIONA															.05	.52	.05									.62
DOUGLAS							.02	.03																		.05
DOWNS 2 NE														.60	.02	.01										.63
EFFINGHAM CAA	//								.01					.01	.02											.04
EVANSTON PUMP STA																								.01		.01
FAIRBURY WATER WORKS	//													.29	.06											.35
FARMER CITY													.03	.11	.01											.15
FREEPORT SEWAGE PLANT							.02																			.02
FULTON DAM 13							.04	.02																		.06
GREENFIELD											.02	.01	.01	.65	.01	.01			.01			.01				.73
HOOPESTON																	.03	.01								.04
HUDSON LK BLOOMINGTON													.26	.05												.31
HUTSONVILLE	//															.02	.01									.03
ILLINOIS CITY DAM 16				*	*	*	*	.13																		.13
JACKSONVILLE SEWAGE PL												.15	.01													.16
JOLIET WB AIRPORT	6								*	*	*	*	*	.03							*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																									.01	.01
LANARK						.05	.01																			.06
LAWN RIDGE				.03																						.03
LOCKPORT LOCK AND DAM																								.49	.03	.52
LOCKPORT POWER HOUSE									.02														.01	.55	.01	.59
MAROA													.09	.21	.07	.01										.38
MOLINE WB/AIRPORT	//					.47																				.47
MORRISONVILLE													.62	.13	.49	.01										1.25
MT CARMEL WATER WORKS															.24											.24
NEWTON																	.15									.15
PARIS SEWAGE PLANT									.02							1.09	.11	.05								1.27
PEORIA LOCK AND DAM	//								.04	.01																.05
PEORIA WB AIRPORT								.19																		.19
PIPER CITY															.70	.05	.01									.76
PITTSFIELD WATER WORKS										.01	.01	.01	.02		.01											.06
PRAIRIE DU ROCHER W WKS																							.02	.02		.04
PROPHETSTOWN						.11	.03												.09		.01					.24
QUINCY CAA	6								*	*	*	*	*	.04	*	*	*	*	*	.02						-
QUINCY DAM 21											.09							.01	.01							.11
RANTOUL CHANUTE AF BASE	//													.09	.01											.10
ROCKFORD CAA	6		*	*	*	*	*	.05	*	*	*	*	*	.03												-
SKOKIE N S TREAT WKS																							.01			.01
SPRINGFIELD WB AIRPORT	//										.01	.11	.16	.37	.01											.66
SPRINGFIELD WB CITY											.05	.15	.38	.17	.03											.78
STICKNEY W SIDE TREAT																					.02	.39	.01			.42
SULLIVAN WATER WORKS	//													.10	.06	.29			.01	.02						.48
URBANA EXP FARM														.04	.04	.01										.09
VANDALIA								.02	.03																	.05
WASHINGTON									.05	.05			.15													.25
WENONA																									.05	.05
WEST FRANKFORT 8 E																					.06					.06
														—10th—												
AUGUSTA HIGH SCHOOL									.01																	.01
BELLEVILLE SCOTT AF BSE	//			.03	.04			.01																		.08
CAIRO WB CITY					.03	1.30	.34																			1.67
CARPENTER 1 SW					.08	.01																				.09
CHICAGO CAL TREAT WKS		.01																								.01
CHICAGO S FILTER PL				.01																						.01
COLLINSVILLE				.01	.11		.02	.01																		.15
COULTERVILLE						.02	.01																			.03
CRETE		.41	.24	.02	.02																					.69
DANVILLE HOSPITAL			.01		.02	.06																				.09
DWIGHT STATE REFORM		.44																								.44
FAIRBURY WATER WORKS	//			.05																						.05
FARMER CITY		.26	.82	.01																						1.09
GALATIA 1W							.05	.01																		.06
GLENDALE EXP FARM						.03	.06																			.09
GOLCONDA DAM 51							.12	.41	.02																	.55
GREENFIELD			.01	.12	.11																					.24
HOOPESTON					.07																					.07
JOLIET WB AIRPORT	6	.95																								-
KANKAKEE SEWAGE PLANT		.01	.56	.01			.01																			.59

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
KEWANEE BAKER PARK		-	-	-	-	-	-	-	-	-	-															-
MURPHYSBORO WATER WORKS	//				.02	.09	.01	.03																		.15
PARIS SEWAGE PLANT		.01	.01	.01		.05	.09																			.17
PIPER CITY			.08	.07																						.15
PITTSFIELD WATER WORKS									.05																	.05
PRAIRIE DU ROCHER W WKS			.01	.07	.12	.01																				.21
RANTOUL CHANUTE AF BASE	//	.01	.99																							1.00
SULLIVAN WATER WORKS	//				.05	.80																				.85
URBANA EXP FARM				.39					.01																	.40
WATERMAN	//																					.75	1.70	.03		2.48
WENONA		.25																								.25
WEST FRANKFORT 8 E											.02	.05	.02													.09
—11th—																										
ALEXIS WATER WORKS		-	-	-	-	-	-	-																		-
—12th—																										
ALEXIS WATER WORKS								.05	.02		.02	.01	.07	.21	.02	.04	.07									.51
AUGUSTA HIGH SCHOOL												.32	.01													.33
BEARDSTOWN LAGRANGE DAM	//											.01	.04	.01												.06
BRADFORD CAA	6														*	*	*	*	*	.22						-
CARPENTER 1 SW												.05	.07	.05												.17
DOUGLAS														.05	.42	.01	.01	.17	.03							.69
DOWNS 2 NE																.02	.03	.04								.09
FARMER CITY															.01	.04										.05
FULTON DAM 13												.02	.08													.10
HUDSON LK BLOOMINGTON																.04	.09									.13
ILLINOIS CITY DAM 16									.01	.22	.12		.85	.07	.02	.13	.03									1.45
JACKSONVILLE SEWAGE PL												.01	.07													.08
KEWANEE BAKER PARK													.06	.14	.06	.02		.01		.01						.30
LAWN RIDGE													.01	.11	.04											.16
MARIETTA													.18	.07				.03								.28
MOLINE WB AIRPORT	//										.03	.03	.03	.08												.17
PEORIA LOCK AND DAM	//																.08									.08
PEORIA WB AIRPORT															.02	.06		.12	.01							.21
PRINCETON 1 S	//														.01	.14										.15
PROPHETSTOWN													.03	.11	.01											.15
QUINCY CAA	6								*	*	*	*	*	.10												-
QUINCY DAM 21										.19	.01															.20
SPRINGFIELD WB AIRPORT	//													.04	.02											.06
SPRINGFIELD WB CITY														.04												.04
WASHINGTON																.02	.11	.04						.01	.02	.20
WENONA																.08	.04	.01								.13
—13th—																										
ALEXIS WATER WORKS						.05	.64	.06	.05																	.80
AUGUSTA HIGH SCHOOL			.01	.02					.06	.06	.04	.01							.02	.01	.01	.01	.02	.31	1.94	2.52
BEARDSTOWN LAGRANGE DAM	//										.11	.01	.01													.13
BELLEVILLE SCOTT AF BSE	//												.69	.11	.02											.82
BELVIDERE SEWAGE PLANT					1.03	.29	.23	.20	.16	.07				.01												1.99
BRADFORD CAA	6		*	*	*	*	*	.86	*	*	*	*	*	.37												-
CAIRO WB CITY																		.41	.01							.42
CARPENTER 1 SW													.67	.51	.10											1.28
CHICAGO CAL TREAT WKS						.62	.26	.29	.10																	1.27
CHICAGO LAKEVIEW PUMP					.43	.48	.30	.17	.03																	1.41
CHICAGO LOYOLA UNIV					.40	.48	.26	.12	.03																	1.29
CHICAGO MAYFAIR PUMP ST					.26	1.22	.36	.19	.06																	2.09
CHICAGO N BRA PUMP STA					.05	.78	.25	.14	.06																	1.48
CHICAGO ROSELAND PUMP						.48	.34	.32	.08																	1.22
CHICAGO SAN DIST DISPAT						.82	.24	.22	.05																	1.33
CHICAGO SAN DIST OFF						.84	.25	.19	.05																	1.33
CHICAGO S FILTER PL						.91	.16	.28	.05	.01	.01															1.42
CHICAGO SPRINGFLD PUMP					.29	.63	.26	.14	.03																	1.35
CHICAGO UNIVERSITY						.87	.16	.23	.04																	1.30
CHICAGO WB AIRPORT						.60	.19	.27	.04																	1.10
CHICAGO WB CITY						.87	.26	.14	.06	.02	.01															1.36
CISNE BROWN CAMP													.03	.16	.06											.25
COLLINSVILLE														.73	.02											.75
CRETE						.01	.01	.50	.27	.14	.02	.03		.01												.99
DANVILLE HOSPITAL											.29	.13	.01			.01			.01							.45
DIONA											.37	.15	.01		.01		.01									.55
DOUGLAS							.36	.50	.04	.10		.03														1.03
DOWNS 2 NE									.52	.59	.18	.02		.02												1.33
DWIGHT STATE REFORM								.84	.21	.11	.07	.02														1.25
EFFINGHAM CAA	//										.10	.35	.03		.01											.49
EVANSTON PUMP STA					.05	.57	.26	.11	.06																	1.05
FAIRBURY WATER WORKS	//								.34	.19	.13		.01	.01	.02											.70
FARMER CITY									.73	.34	.05															1.12
FREEPORT SEWAGE PLANT				1.68	.41	.17	.31	.19	.01																	2.77
FULTON DAM 13			.02	.12	.92	.06	.09	.19	.13	.02	.02	.01														1.58
GALATIA 1W															*	*	*	*	*	*	*	*	*	*	.54	.54
GLENDALE EXP FARM																.28	.06	.08	.03							.45
GOLCONDA DAM 51																.84	.22	.08	.06							1.20
GREENFIELD											.17	.01	.02	.01	.01									.01	.01	.24
HOOPESTON										.54	.24	.09	.01	.01			.01									.90
HUDSON LK BLOOMINGTON								.58	.23	.04																.85
HUTSONVILLE	//									.07	.14	.19	.13	.01		.02	.02									.58
ILLINOIS CITY DAM 16							.65	.22	.01																	.88
JACKSONVILLE SEWAGE PL										.24	.08															.32
JOLIET WB AIRPORT	6		*	*	*	*	*	.82	*	*	*	*	*	.28												-
KANKAKEE SEWAGE PLANT								.34	.15	.23	.06		.01													.79
KEWANEE BAKER PARK						1.44	.08	.17	.11																	1.80
LANARK				.52	.64	.11	.19	.14	.03	.05																1.68
LAWN RIDGE						.95	.16	.10	.10																	1.31
LOCKPORT LOCK AND DAM						.50	.21	.21	.04	.02																.98
LOCKPORT POWER HOUSE		*	*	*	*	*	*	.98	*	*	*	*	*													.98
LOUISVILLE													.65	.07	.02			.01								.75
MARIETTA									.57	.02	.01														.19	.79
MAROA									.60	.52	.03															1.15
MASON CITY		-	-	-	-	-	-	-	.14	.15	.02	.02	.02													-
MC HENRY			.02	.31	.83	.44	.22	.14	.09	.02	.03															2.10
MOLINE WB/AIRPORT	//					.96	.18	.10	.05																	1.29
MORRISONVILLE										.01	.69	.05														.75
MT CARMEL WATER WORKS													.04	.44	.14	.01										.63
MURPHYSBORO WATER WORKS	//															.65	.01									.66
NEWTON													.03	.72	.07											.80
OREGON						.84	.16	.18	.15	.06	.01															1.40
PARIS SEWAGE PLANT											.27	.08											.01			.36
PEORIA LOCK AND DAM	//								.62	.18	.07	.02	.01													.90
PEORIA WB AIRPORT								.69	.11	.08																.88
PIPER CITY									.42	.44	.19	.04	.01	.01												1.11
PITTSFIELD WATER WORKS											.02	.02														.04
PRAIRIE DU ROCHER W WKS															.42	.13										.55
PRINCETON 1 S							1.67	.15	.18	.19	.06															2.25

See reference notes following Station Index.

Station		A.M. Hour ending											P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PROPHETSTOWN					1.00	.15	.11	.19	.13	.07																1.65
QUINCY CAA	6								*	*	*	*	*	.04												-
QUINCY DAM 21											10	.10														.20
RICHVIEW														1.61	.04											1.65
ROCKFORD CAA	6		*	*	*	*	*	1.74	*	*	*	*	*	.20												-
SKOKIE N S TREAT WKS					27	.54	28	.12	.04																	1.25
SPRINGFIELD WB AIRPORT	//									.31	.16	.01													.01	.49
SPRINGFIELD WB CITY										.52	.22	.08													.03	.85
STICKNEY W SIDE TREAT						1.01	.23	.22	03																	1.49
SULLIVAN WATER WORKS											80	.14	.01													.95
VANDALIA													1.04	.01												1.05
WASHINGTON									.77	.21	.03															1.01
WATERMAN	//						.72	.22	.23	.13	.05															1.35
WENONA								.50	.28	.22	.09															1.09
WEST FRANKFORT 8 E																					.72	.04				.76
														—14th—												
ALEXIS WATER WORKS					.02	01																	1.30	.05		1.38
AUGUSTA HIGH SCHOOL		12	.02	.03	.08	.17	.14	04													.06	.01	.03	.05	.06	.81
BEARDSTOWN LAGRANGE DAM	//		.02	.95	.15	.04	11	.20	.24	.01	01															1.73
BELLEVILLE SCOTT AF BSE	//						01	.07	.02	.01																.11
BELVIDERE SEWAGE PLANT																					.07		.02			.09
BRADFORD CAA	6																				*	*	*	*	*	-
CARPENTER 1 SW								30	32	05																.67
COLLINSVILLE								24	.40	.01																.65
COULTERVILLE															01	.13										.14
DIONA						03	.10	13	.01								.05									.32
DOUGLAS							.01	.03																.06	.78	.88
DOWNS 2 NE						.22	.01	.01																		.24
EFFINGHAM CAA	//				.02	.03	.14	.13	.15	.05																.52
FARMER CITY					.02																					.02
FREEPORT SEWAGE PLANT																					.02	.01		.05	.17	.25
FULTON DAM 13																							.09	.11	.01	.21
GREENFIELD							.66	13	.04	01		.01				.01										.86
HUTSONVILLE	//								.03																	.03
ILLINOIS CITY DAM 16																						.24	.33			.57
JACKSONVILLE SEWAGE PL			23	.15	.11	.08	.09	.18	.03																	.87
JOLIET WB AIRPORT	6								*	*	*	*	*	.02												-
KEWANEE BAKER PARK																								.34	.01	.35
LANARK																							.04	.17	.06	.27
LAWN RIDGE																								.35	.74	1.09
LOUISVILLE							.01	.09	.05		.01	.01	01	.01												.19
MARIETTA		.62	.04	.02	.02	.18	.15	.05																		1.08
MASON CITY		.46	1.11	.03			.08	.02	05																	1.75
MOLINE WB/AIRPORT	//																						.45	.03	.02	.50
MORRISONVILLE				.92	.98	10	.07	.14	04																	2.25
MT CARMEL WATER WORKS							.28	.33	.23	.01	.01															.86
NEWTON							.01	.06	.13	.01	.01	.02														.24
PEORIA LOCK AND DAM	//				.09				.04																	.13
PEORIA WB AIRPORT				.16			.01	.03																		.20
PITTSFIELD WATER WORKS							.07	.18	07	01	01														.04	.38
PRINCETON 1 S	//																								.01	.01
PROPHETSTOWN																								.63	.02	.65
QUINCY CAA	6		*	*	*	*	*	4 84													*	*	*	*	*	-
QUINCY DAM 21			1.05	.35	.14	.16	.20	.08																.09	.02	2.09
ROCKFORD CAA	6								*	*	*	*	*	.01	*	*	*	*	*	.29	*	*	*	*	*	-
SPRINGFIELD WB AIRPORT	//		.02	.10	.10	09	.06	.08	.05																	.50
SPRINGFIELD WB CITY		.01	.02	.08	.09	.12	.05	.08	.07																	.52
SULLIVAN WATER WORKS	//					.05	.02	.01																		.08
URBANA EXP FARM			.04	.47																						.51
														—15th—												
ALEXIS WATER WORKS			.01				.01				.01			.02												.05
AUGUSTA HIGH SCHOOL		.02																								.02
BEARDSTOWN LAGRANGE DAM	//	.01	.01																							.02
BELVIDERE SEWAGE PLANT		.05	.13	.05							.16	.01														.40
BRADFORD CAA	6	.25	*	*	*	*	*	.01																		-
CHICAGO CAL TREAT WKS					.03	01										.38										.42
CHICAGO LAKEVIEW PUMP					.01		.02					.02			.23	.15										.43
CHICAGO LOYOLA UNIV					.01		.01	.01				.07	.06		.01	.04										.21
CHICAGO MAYFAIR PUMP ST					.01		.02					.04			.24	.23										.54
CHICAGO N BRA PUMP STA						.01	.01					.02			.17	.12										.33
CHICAGO ROSELAND PUMP					.03	.01										.41										.45
CHICAGO SAN DIST DISPAT					.02	.01	.01					.03		.01	.02	.01										.11
CHICAGO SAN DIST OFF					.01	.01	.01						.01		.05	.01										.10
CHICAGO S FILTER PL					.01		.01	.02				.01		.02		.52										.59
CHICAGO SPRINGFLD PUMP					.01	01	.01					.02				.13										.18
CHICAGO UNIVERSITY					.01	.01	.01							.01		.51										.55
CHICAGO WB AIRPORT					.03	.01										.32										.36
CHICAGO WB CITY															04											.04
CRETE					.01	.03	.02	.01									.16	02								.25
DANVILLE HOSPITAL					.45	.48		.01																		.94
DIONA																	.02	.04								.06
DOUGLAS							.01	.01									.03									.05
DOWNS 2 NE			.03	.69	.01												.69	01								1.43
DWIGHT STATE REFORM			.04	.06	.13					17	.03	.01														.44
EFFINGHAM CAA	//																.02	02								.04
EVANSTON PUMP STA						.01	.01					.08	.09		.02	.06										.27
FAIRBURY WATER WORKS	//			.39	.15	.02																				.56
FARMER CITY			.24	.01												.04	.26									.55
FREEPORT SEWAGE PLANT		.02	.03						.02	.04														.01	.06	.18
FULTON DAM 13																									.10	.10
GREENFIELD																			.04	.01						.05
HOOPESTON					.11	.08	.03	01		.01								08	.11	.01						.44
HUDSON LK BLOOMINGTON						.58	.12	.02																		.72
HUTSONVILLE	//			.08		.01																				.09
ILLINOIS CITY DAM 16													.01	.02												.03
JOLIET WB AIRPORT	6		*	*	*	*	*	05	*	*	*	*	*	.15												-
KANKAKEE SEWAGE PLANT					.03	.05										.18	14	.03	.01							.44
LANARK		.02							.01		.01	.01	.08	.01										39	.65	1.18
LOCKPORT POWER HOUSE		.01	.03	.02									.01		.21	.01										.29
MARIETTA															.36											.36
MAROA			.08	.02												.20										.30
MASON CITY															.03	.17										.20
MC HENRY					.08	.01	.02	.04	.01				.07	.01					01	01						.26
NEWTON			.12	.01																						.13
OREGON		.50	.12	.02																						.64
PARIS SEWAGE PLANT																		.02	.05							.07
PEORIA LOCK AND DAM	//	.51	.23	.01													.23		.01							.99
PEORIA WB AIRPORT		.13	.01												.24	.01										.39
PIPER CITY				.02	.25	.20	.02	.02									.33	27								1.11
PITTSFIELD WATER WORKS		.03	.03																							.06
PRINCETON 1 S	//	.14	04																							.18
PROPHETSTOWN		.01	.01				.09																		.12	.23
QUINCY CAA	6	1.00	*	*	*	*	*	.01																		-

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
QUINCY DAM 21																	.16									.16
RANTOUL CHANUTE AF BASE				.47	.28													.05								.80
ROCKFORD CAA	6	.16	*	*	*	*	*	.07	*	*	*	*	*	.11												-
SKOKIE N S TREAT WKS							.01					.34	.02		.01	.10										.48
SPRINGFIELD WB AIRPORT	//	.01															.02									.03
SPRINGFIELD WB CITY																	.01									.01
STICKNEY W SIDE TREAT					.03											.19										.22
SULLIVAN WATER WORKS		.02	.08														.15	.05	.10	.01						.41
URBANA EXP FARM			.53															.03								.56
VANDALIA						.45	.09	.01	.16	.09																.80
WASHINGTON		.38	.29	03												.09	.01									.80
WATERMAN	//		.07	.08	.03	.01																				.19
WENONA			.11	.06																						.17
														—16th—												
BEARDSTOWN LAGRANGE DAM	//												.38	.19	.09		.01									.67
BELVIDERE SEWAGE PLANT		.05	.01	.01					.01																	.08
BRADFORD CAA	6		*	*	*	*	*	.12																		-
CARPENTER 1 SW																						.32				.32
CHICAGO CAL TREAT WKS		.01	.26																							.27
CHICAGO LAKEVIEW PUMP		.22	.06																							.28
CHICAGO LOYOLA UNIV		.29	.01																							.30
CHICAGO MAYFAIR PUMP ST			.32	.01																						.33
CHICAGO N BRA PUMP STA		.07	.22																							.29
CHICAGO ROSELAND PUMP		.05	.22																							.27
CHICAGO SAN DIST DISPAT		.08	.28																							.36
CHICAGO SAN DIST OFF		.02	.02																							.04
CHICAGO S FILTER PL			.36																							.36
CHICAGO SPRINGFLD PUMP		.03	.03																							.06
CHICAGO UNIVERSITY			.30																							.30
CHICAGO WB AIRPORT		.28	.51																							.79
CHICAGO WB CITY		.02	.01	.01																						.04
DANVILLE HOSPITAL						.39	.07	.01												.01	.07					.55
DOUGLAS			.02	.02																						.04
DOWNS 2 NE																				.12	.02					.14
DWIGHT STATE REFORM				.15	.01																					.16
EVANSTON PUMP STA			.21																							.21
FAIRBURY WATER WORKS	//				.79													.03	.32	.02						1.16
FARMER CITY																			.11							.11
FREEPORT SEWAGE PLANT		.12						.02																		.14
HOOPESTON		.01	.01		.03	.08										.03			.02	.03						.21
HUDSON LK BLOOMINGTON																		.29								.29
JOLIET WB AIRPORT	6		*	*	*	*	*	.02																		-
KANKAKEE SEWAGE PLANT					.05		.01	.01																		.07
KEWANEE BAKER PARK						.02	.02																			.04
LANARK		.04	.01	.01																						.06
MARIETTA																.17	.02									.19
MANOA																		.42	.08							.50
MASON CITY																	.11	.09								.20
MC HENRY																				*	*	*	*	*	*	*
OREGON		.03	.04	.01																						.08
PEORIA LOCK AND DAM	//	.01	.01																							.02
PIPER CITY			.01		.07																					.08
PRINCETON 1 S	//		.01	.23																						.24
PROPHETSTOWN		.59	.03	.01																						.63
QUINCY CAA	6														*	*	*	*	*	.03						-
RANTOUL CHANUTE AF BASE	//			.01	.09	.70														.20						1.00
RICHVIEW																						.28	.02			.30
SKOKIE N S TREAT WKS		.11	.02																							.13
SPRINGFIELD WB AIRPORT	//																	.19	.02							.21
SPRINGFIELD WB CITY																		.01	.12							.13
STICKNEY W SIDE TREAT		.02	.25																							.27
URBANA EXP FARM																			.04							.04
WASHINGTON																		.08	.02							.10
WATERMAN	//		.05	.01																						.06
WENONA				.30																						.30
														—17th—												
AUGUSTA HIGH SCHOOL									.01	.01	.01	.02														.05
BEARDSTOWN LAGRANGE DAM	//													.01	.03											.04
FREEPORT SEWAGE PLANT																								.02		.02
LANARK																								.07		.07
PITTSFIELD WATER WORKS												.01	.01	.01												.03
PRAIRIE DU ROCHER W WKS																	.04									.04
QUINCY CAA	6								*	*	*	*	*	.03												-
QUINCY DAM 21											.01	.07														.08
RICHVIEW		.01	.01																							.02
														—18th—												
ALEXIS WATER WORKS			.02	.03	.37	.36	.64	.21	.07	.06	.02		.02	.02	.02	.04	.03	.01		.70	.10	.11	.03	.07	.19	3.12
AUGUSTA HIGH SCHOOL			.22	.02				.02	.02	.05	.05	.02	.01								.05	.43	.09	.46	.96	2.40
BEARDSTOWN LAGRANGE DAM	//				.28			.01	.01														.08	.79	.04	1.21
BELVIDERE SEWAGE PLANT				.12	.07	.08	.17	.31	.25	.12																1.12
BRADFORD CAA	6		*	*	*	*	*	1.25	*	*	*	*	*	.17	*	*	*	*	*	.14	*	*	*	*	*	-
CARPENTER 1 SW																							.14	.01		.15
CHICAGO CAL TREAT WKS						.11	.19	.31	.17	.05	.03		.01									.03	.01			.91
CHICAGO LAKEVIEW PUMP					.06	.17	.12	.16	.15	.16	.02	.01	.06													.91
CHICAGO LOYOLA UNIV					.10	.15	.11	.18	.16	.07	.01	.02	.04													.84
CHICAGO MAYFAIR PUMP ST					.09	.20	.10	.14	.13	.13	.02	.01	.06													.88
CHICAGO N BRA PUMP STA					.05	.17	.10	.12	.10	.12	.02		.05													.73
CHICAGO ROSELAND PUMP						.19	.60	.39	.20	.08	.06		.04									.03				1.59
CHICAGO SAN DIST DISPAT					.11	.17	.17	.20	.11	.07	.04		.03									.01				.91
CHICAGO SAN DIST OFF					.08	.16	.11	.15	.10	.06	.02	.03	.06									.01				.78
CHICAGO S FILTER PL					.01	.38	.36	.22	.14	.09	.04	.01	.03									.01				1.29
CHICAGO SPRINGFLD PUMP					.09	.15	.10	.13	.10	.14	.06	.04											.01			.82
CHICAGO UNIVERSITY					.03	.26	.24	.22	.13	.08	.06		.03									.02				1.07
CHICAGO WB AIRPORT				.01	.10	.29	.22	.20	.12	.06	.04	.01	.04	.01								.01	.01			1.12
CHICAGO WB CITY					.06	.17	.12	.13	.12	.08	.05	.01	.06	.02												.82
CISNE BROWN CAMP						.12	.02		.01	.08	.01								.02							.26
CRETE							.01	.02	.20	.21	.14	.03			.01	.01	.01						.02	.11	.05	.82
DANVILLE HOSPITAL						.02		.01	.28	.34	.12	.08	.01			.02	.01					.06	.01	.03	.06	1.05
DIONA						.03	.35	.01	.02															.20	.60	1.21
DOUGLAS					.04	.21	.03	.38	.14	.11	.05	.01	.02	.02	.03	.05	.10	.02	.16	.37	.56	.43	.21	.12	.21	3.27
DOWNS 2 NE							.18	.43	.08	.14				.02	.03	.02		.01	.09	.09	.11	.15	.36	.24	.18	2.13
DWIGHT STATE REFORM							.01	.47	.22	.29	.05		.02			.01	.01		.02	.02	.01	.05	.18	.33	.24	1.93
EFFINGHAM CAA	//					.13	.04																.07	.32		.56
EVANSTON PUMP STA					.06	.12	.13	.21	.13	.11	.01	.01	.03													.81
FAIRBURY WATER WORKS	//					.02	.06	.30	.16	.44	.11								.04	.07	.01	.10	.18	.10	.24	1.83
FARMER CITY				.03		.03	.11	.29	.04	.12			.02	.02	.04			.04	.09	.08	.10	.05	.13	.34	.18	1.89
FREEPORT SEWAGE PLANT		.16	.12	.09	.17	.39	.29	.16	.02																	1.40
FULTON DAM 13		.44	.27	.13	.28	.29	.30	.17	.01	.01										.05						1.95
HOOPESTON							.01	.05	.15	.18	.22	.03		.01		.01			.01	.02	.14	.01	.16	.18	.12	1.30
HUDSON LK BLOOMINGTON				.02	.01	.07	.25	.33	.23	.05					.02		.01	.06	.02	.14	.27	.15	.19	.19	.10	2.11
HUTSONVILLE	//						.09	.01	.02	.09	.01				.01	.01						.32		.08	.11	.75

See reference notes following Station Index.

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ILLINOIS CITY DAM 16			.51	1.14	.35	.33	.04	.02	.01						.08	.02	.07	.03	.04	.18	.04				2.86
JACKSONVILLE SEWAGE PL				.21																			.59	.41	1.21
JOLIET WB AIRPORT 6		*	*	*	*	*	.23	*	*	*	*	*	.55	*	*	*	*	*	.02	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT					.01		.13	.20	.32	.08	.01	.02		.01					.02		.01	.11	.19	.30	1.41
KEWANEE BAKER PARK				.43	.30	.51	.17	.03	.03	.04		.01	.01	.01		.03	.03	.06	.05	.16	.24	.10			2.21
LANARK	.10	.14	.06	.15	.28	.30	.25	.03			.01	.01							.01						1.34
LAWN RIDGE																						.35	.10	.30	.75
LOCKPORT LOCK AND DAM					.04	.18	.28	.19	.10			.03	.01								.02	.03	.01		.89
LOCKPORT POWER HOUSE					.03	.20	.29	.20	.05			.01									.03	.04	.01		.86
LOUISVILLE				.20		.04	.01													.35	.04	.04			.88
MARIETTA	.01	.01	.12	.19	.02	.03	.05	.03	.01	.07	.10	.07	.02			.06	.20	.35	.01	.03	.88	.54	.04		2.84
MAROA					.15	.42												.03				.10	.15	.14	.99
MASON CITY			.01	.06	.06	.01	.08	.14	.01	.01	.01	.01	.03			.02	.17	.36			.02	.28	.27	.06	1.61
MC HENRY	*	*	*	*	*	*	*	*	*	*	*	.90													.90
MOLINE WB/AIRPORT //			.10	.71	.54	.28	.17		.04	.01					.05	.04	.06	.01	.02	.03	.09	.01			2.16
MORRISONVILLE					.08																		.04	.04	.16
MT CARMEL WATER WORKS						.14	.01																		.15
NEWTON						.10														.05	.15	.02	.15	.04	.51
OREGON		.04	.16	.17	.11	.27	.21	.27	.09																1.32
PARIS SEWAGE PLANT						.01	.02																		.03
PEORIA LOCK AND DAM //				.02	.03	.16	.09	.18	.03	.02		.01	.04		.01	.03	.18	.05	.08	.05	.43	.55	.22	.05	2.23
PEORIA WB AIRPORT			.02	.03	.24	.09	.27	.07	.04	.01	.02	.02	.01	.03	.05	.25	.02	.04	.04	.86	.63	.20	.06	.06	3.06
PITTSFIELD WATER WORKS		.02	.06			.01																			.09
PRINCETON 1 S //				.03	.37	.50	.17	.05			.01						.02	.02	.03	.02	.05	.18	.15		1.60
PROPHETSTOWN			.15	.45	.28	.24	.17	.01	.01			.01				.02		.01		.02	.03				1.40
QUINCY CAA 6		*	*	*	*	*	.17													*	*	*	*	*	-
QUINCY DAM 21	.02	.08			.19	.01															.31	.66		.01	1.28
RANTOUL CHANUTE AF BASE //						.02	.13	.30	.13	.04			.02	.02	.04		.01	.05	.05	.14	.05	.13	.13	.23	1.49
RICHVIEW			.24	.01																					.25
ROCKFORD CAA 6		*	*	*	*	*	1.07	*	*	*	*	*	.16												-
SKOKIE N S TREAT WKS				.12	.14	.14	.18	.15	.06		.01	.02													.82
SPRINGFIELD WB AIRPORT //					.64	.01		.03															.02	.12	.82
SPRINGFIELD WB CITY					.47	.01		.02															.03	.06	.59
STICKNEY W SIDE TREAT				.16	.13	.22	.18	.11	.07	.04		.03									.01				.95
SULLIVAN WATER WORKS //						.28	.07																.05	.09	.49
URBANA EXP FARM						.06	.52	.08												.05	.02	.08	.14	.14	1.09
VANDALIA				.14	.01																				.15
WASHINGTON					.02	.26	.12	.24	.06					.01	.02	.04	.03	.09	.01		.60	.23	.18	.09	2.00
WATERMAN //				.10	.45	.42	.23	.21	.09	.01		.04													1.55
WENONA						.34	.19	.41	.19	.05	.01	.01						.10		.04	.06	.10	.30	.15	1.95
—19th—																									
ALEXIS WATER WORKS	.21	.02	.01		.01	.01		.02	.02	.01					.01	.01									.33
AUGUSTA HIGH SCHOOL	.06																								.06
BEARDSTOWN LAGRANGE DAM //	.33	.77	.04																						1.14
BELLEVILLE SCOTT AF BSE //					.02	.01	.07																		.10
BRADFORD CAA 6	.47	*	*	*	*	*	.05																		-
CAIRO WB CITY																					.17	.05	.07	.07	.36
CARPENTER 1 SW					.04	.04																			.08
CHICAGO CAL TREAT WKS				.03	.03																				.06
CHICAGO ROSELAND PUMP					.04	.01																			.05
CHICAGO S FILTER PL						.01																			.01
CHICAGO UNIVERSITY					.01	.01																			.02
CHICAGO WB AIRPORT						.01																			.01
CHICAGO WB CITY						.01																			.01
CISNE BROWN CAMP						.26	.69	.01																	.96
COLLINSVILLE					.33		.04	.01																	.38
COULTERVILLE					.12	.06	.02																		.20
CRETE	.02	.01			.01	.01	.01	.01																	.07
DANVILLE HOSPITAL	.08	.14	.12	.09	.24	.02																			.69
DIONA	.59	.11	.18	.43	.05	.01		.02		.02	.02	.04	.01												1.48
DOUGLAS	.09	.10	.09	.02		.03																			.33
DOWNS 2 NE	.16	.09	.14	.27	.01																				.67
DWIGHT STATE REFORM	.02	.01	.02				.01	.01																	.07
EFFINGHAM CAA //	.03	.26	.17	.55	.04			.01																	1.06
FAIRBURY WATER WORKS //	.15	.10	.04	.11	.13																				.53
FARMER CITY	.11	.04	.11	.14																					.40
GALATIA 1W																							.03	.01	.04
GLENDALE EXP FARM																							.24	.03	.27
GOLCONDA DAM 51																							.08	.06	.14
GREENFIELD			.05	.24	.02																				.31
HOOPESTON	.14	.12	.07	.06	.05	.05			.01					.01		.01									.52
HUDSON LK BLOOMINGTON	.22	.16	.20	.07																					.65
HUTSONVILLE //		.01		.44	.24	.01	.02	.03																	.75
ILLINOIS CITY DAM 16								.02																	.02
JACKSONVILLE SEWAGE PL	.25	.23	.11			.01	.01																		.61
JOLIET WB AIRPORT 6	.12	*	*	*	*	*	.04																		-
KANKAKEE SEWAGE PLANT	.09	.01		.01																					.11
KEWANEE BAKER PARK					.03	.01																			.04
LAWN RIDGE	.15	.05	.04	.01				.01	.03	.07	.04	.02	.13	.10	.20	.15	.03	.01	.26	.10					1.40
LOCKPORT POWER HOUSE				.01																					.01
LOUISVILLE		.01	.01		.37	.16	.08	.14																	.77
MARIETTA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90								.90
MAROA	.11	.48	.12	.01																					.72
MASON CITY	.04	.17	.12	.01																					.34
MOLINE WB/AIRPORT //				.01	.01																				.02
MORRISONVILLE	.33	.38	.07	.24	.09	.01																			1.12
MT CARMEL WATER WORKS						.06	.02	.03	.01	.01															.13
MURPHYSBORO WATER WORKS //																			.02	.01	.01				.04
NEWTON		.01	.01	.04	.57	.03	.02	.01																	.69
PARIS SEWAGE PLANT								.65	.01															.33	.99
PEORIA LOCK AND DAM //	.14	.04	.20	.18	.02																				.58
PEORIA WB AIRPORT	.04	.19	.19																						.42
PITTSFIELD WATER WORKS		.01	.03																						.04
PRAIRIE DU ROCHER W WKS			.01	.01	.20	.01																			.23
PRINCETON 1 S //	.01				.02		.02																		.05
QUINCY CAA 6	.83	*	*	*	*	*	.36																		-
QUINCY DAM 21	.09	.03																							.12
RANTOUL CHANUTE AF BASE //	.22	.10	.04	.11	.14	.01				.01	.01														.64
RICHVIEW					.01	.09	.06																		.16
SPRINGFIELD WB AIRPORT //	.42	.65	.16	.02							.01			.01											1.27
SPRINGFIELD WB CITY	.37	1.18	.19	.03																					1.77
SULLIVAN WATER WORKS //	.07	.08	.50	.22	.05																				.92
URBANA EXP FARM	.11	.10	.12	.17																					.50
VANDALIA										.02	.01	.04													.07
WASHINGTON	.20	.02	.28	.20																					.70
WENONA	.04			.01	.01																				.06
—20th—																									
BEARDSTOWN LAGRANGE DAM //												.02	.01												.03
BELLEVILLE SCOTT AF BSE //									.36	.04	.01														.41
CAIRO WB CITY	.02												.03						.10	.01		.02	.06	.02	.26
CARPENTER 1 SW												.13													.13
CHICAGO CAL TREAT WKS					.01										.01										.02
CISNE BROWN CAMP												.17	.03												.20

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
COLLINSVILLE											.20	.05	.01											.26
COULTERVILLE										.16	.02													.18
DWIGHT STATE REFORM															.01	.01								.02
EFFINGHAM CAA												.07												.07
FAIRBURY WATER WORKS															.04									.04
FREEPORT SEWAGE PLANT													.01	.01						.24	.18			.44
GALATIA 1W		.01	.01									.27	.03							.02	.01	.18	.30	.12	.95
GLENDALE EXP FARM		.04	.01		.02						.17	.01	.03							.04	.06	.02			.40
GOLCONDA DAM 51		.04	.01	.01				.02	.02		.78	.13	.03	.13	.01										1.18
GREENFIELD										.04	.08	.01													.13
HUDSON LK BLOOMINGTON					.01								.03	.02											.06
JACKSONVILLE SEWAGE PL											.05	.01													.06
KANKAKEE SEWAGE PLANT															.02										.02
MOLINE WB AIRPORT //														.01											.01
MORRISONVILLE									.01	.01	.04	.04													.10
MT CARMEL WATER WORKS												.02	.05												.07
MURPHYSBORO WATER WORKS //																			.04	.02		.29			.35
OREGON																							.68	.02	.70
PARIS SEWAGE PLANT		.12	.05	.30	.20	.05																			.72
PEORIA WB AIRPORT												.02	.03												.05
PITTSFIELD WATER WORKS											.05														.05
PRAIRIE DU ROCHER W WKS										.05	.01	.01													.07
QUINCY CAA 6								*	*	*	*	*	.06												-
RICHVIEW											.25														.25
ROCKFORD CAA 6														*	*	*	*	*	.04	*	*	*	*	*	-
SPRINGFIELD WB AIRPORT //											.03	.02													.05
SPRINGFIELD WB CITY											.02	.01													.03
WASHINGTON														.01	.01					.01	.01				.04
WATERMAN //																							.05	.02	.07
WEST FRANKFORT 8 E																.24	.05								.29
—21st—																									
FREEPORT SEWAGE PLANT						.01	.01	.01																	.03
GALATIA 1W			.05	.06	.02																				.13
MURPHYSBORO WATER WORKS //		.01	.02	.02	.01																				.06
OREGON		.03	.02																						.05
WEST FRANKFORT 8 E				.03	.68																				.71
—22d—																									
CHICAGO MAYFAIR PUMP ST													.02												.02
CHICAGO SAN DIST DISPAT													.02												.02
CHICAGO SAN DIST OFF														.01											.01
CHICAGO UNIVERSITY													.01												.01
CHICAGO WB AIRPORT													.01												.01
CHICAGO WB CITY														.03											.03
DIONA			.06			.08	.11	.02																	.27
EVANSTON PUMP STA														.01											.01
GLENDALE EXP FARM			.60	.03	.01		.02																		.66
GOLCONDA DAM 51			.26	.07	.01	.14	.03	.04																	.55
HUTSONVILLE //						.01	.02																		.03
PRAIRIE DU ROCHER W WKS											.02	.02													.04
—23d—																									
BELLEVILLE SCOTT AF BSE //							.01	.01																	.02
CHICAGO N BRA PUMP STA													.01												.01
CHICAGO ROSELAND PUMP						.01																			.01
FREEPORT SEWAGE PLANT						.02																	.01	.41	.44
LAWN RIDGE						.27	.23				.08														.58
MC HENRY																							.02	.15	.17
PIPER CITY										.08	.01														.09
PRINCETON 1 S //						.12	.15	.05	.03	.01			.04												.40
ROCKFORD CAA 6																				*	*	*	*	*	-
VANDALIA																						.26			.26
WENONA							.19		.01				.36												.56
—24th—																									
ALEXIS WATER WORKS			.01	.01	.06	.55	.02	.01	.01	.02	.01														.70
AUGUSTA HIGH SCHOOL							.02	.04																	.06
BELVIDERE SEWAGE PLANT		.20	.35	.10	.16	.25	.04	.10	.01	.01	.01														1.23
BRADFORD CAA 6			*	*	*	*	.29	*	*	*	*	*	.07												-
CAIRO WB CITY								.01																	.01
CHICAGO CAL TREAT WKS				.14	.15			.62	.06	.02				.68											1.67
CHICAGO LAKEVIEW PUMP		.32	.18	.02	.13		.01	.05		.01					.03										.75
CHICAGO LOYOLA UNIV		.50	.26	.08	.02			.01	.11					.01	.02										1.01
CHICAGO MAYFAIR PUMP ST		.58	.39	.08	.01		.01	.05	.05	.01					.02										1.20
CHICAGO N BRA PUMP STA		.42	.29	.02	.05			.01	.07		.01				.01	.01									.89
CHICAGO ROSELAND PUMP			.24	.11	.03				.21	.03	.01	.01		.95	.01										1.60
CHICAGO SAN DIST DISPAT			.16	.13	.01				.02		.02		.16	.94	.01										1.45
CHICAGO SAN DIST OFF			.27	.09						.02				.49	.02										.89
CHICAGO S FILTER PL			.38	.04	.06				.05	.02			.90	.02											1.47
CHICAGO SPRINGFLD PUMP		.02	.25	.16	.09				.01		.01			.03											.57
CHICAGO UNIVERSITY			.22	.06	.05	.01			.01	.01	.02		.13	1.42	.01										1.94
CHICAGO WB AIRPORT			.12	.06	.03	.02			.06	.01	.01	.31	1.69												2.31
CHICAGO WB CITY			.37	.09					.01		.01	.01		.32	.04										.85
CRETE					.12	.01			.01	.01	.01	.01		.01	.09	.01									.28
DANVILLE HOSPITAL											.03				.04							.68	.10	.01	.86
DIONA								.03																.25	.28
DWIGHT STATE REFORM						.04	.15	.01	.02	.01				.05											.28
EVANSTON PUMP STA		.27	.14	.12	.07		.02	.14	.01		.01				.01										.79
FAIRBURY WATER WORKS //									.02	.03	.01														.06
FARMER CITY									.06											.46					.52
FREEPORT SEWAGE PLANT		.10	.15	.06	.05	.01	.01		.03			.03	.01												.46
FULTON DAM 13		.07		.03	.05	.01	.03	.01	.01	.01		.02	.01												.25
HOOPESTON									.02					.07	.68		.01	.01		1.02	.32	.01			2.14
HUDSON LK BLOOMINGTON								.30										.11							.41
HUTSONVILLE											.02														.02
ILLINOIS CITY DAM 16			.18	.06	.26	.20	.05	.05	.04	.03	.02	.03													.92
JOLIET WB AIRPORT 6	*	*	*	*	*	*	.20	*	*	*	*	*	.42	*	*	*	*	*	.95						-
KANKAKEE SEWAGE PLANT							.01	.06	.05		.01				.03										.16
KEWANEE BAKER PARK					.59	.14	.08	.03	.01																.85
LANARK	.17	.05	.05	.02			.05	.04			.01	.02													.41
LOCKPORT LOCK AND DAM			.10	.07	.01	.01	.36	.31					.91	.01											1.78
LOCKPORT POWER HOUSE			.06	.08			.34	.37		.05			.64	.15											1.69
MARIETTA								.05	.04	.01															.10
MARQA																					.18	.02			.20
MASON CITY									.02	.13															.15
MC HENRY	.47	.15	.13	.07	.15		.14	.02	.04	.01	.01	.01													1.20
MOLINE WB/AIRPORT /			.01			.07	.09	.02	.01	.01	.02														.23
OREGON		.07	.07	.01	.05	.05	.01	.04																	.30
PARIS SEWAGE PLANT									.10														.30	.01	.41
PROPHETSTOWN		.02		.11	.09	.01	.03	.01			.04	.01													.32
RANTOUL CHANUTE AF BASE //											.11		.04	.05						1.53	.07				1.80
ROCKFORD CAA 6	.96	*	*	*	*	*	.34	*	*	*	*	*	.05												-

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SKOKIE N S TREAT WKS		.41	.12	.15	.11			.03	.12			.02				.01										.97
SPRINGFIELD WB CITY							.03	.02			.01															.06
STICKNEY W SIDE TREAT			.21	.09				.01	.02		.01				1.48											1.82
SULLIVAN WATER WORKS	//							.02	.08																.27	.37
URBANA EXP FARM											.01						.01							.11	.13	.37
VANDALIA			.01	.07	.27	.20	.02	.18																		.75
WASHINGTON									.06	.01																.07
WATERMAN	//				.05	.01		.27	.05	.05	.09	.01														.53
—25th—																										
DIONA		.02	.01																							.03
DOUGLAS													.02	.02												.04
HOOPESTON											.01	.01														.02
HUTSONVILLE	//	.26	.01	.01		.02																				.30
PARIS SEWAGE PLANT		.02	.01	.01																						.04
SULLIVAN WATER WORKS	//	.28	.01																							.29
—26th—																										
LAWN RIDGE																				-	-	-	-	-	-	-
—28th—																										
ALEXIS WATER WORKS																		.09	.05	.01						.15
BEARDSTOWN LAGRANGE DAM	//																				.24	.18				.42
BELLEVILLE SCOTT AF BSE	//										.05	.04	.02	.01	.01											.13
BRADFORD CAA	6																				*	*	*	*	*	-
CHICAGO CAL TREAT WKS																				.12	.13	.01				.26
CHICAGO LAKEVIEW PUMP																				.06						.06
CHICAGO LOYOLA UNIV																			.03	.07	.01					.11
CHICAGO MAYFAIR PUMP ST																				.07						.07
CHICAGO N BRA PUMP STA																				.10						.10
CHICAGO ROSELAND PUMP																					.08	.01				.09
CHICAGO SAN DIST DISPAT																				.02	.01					.03
CHICAGO SAN DIST OFF																				.03	.02					.05
CHICAGO S FILTER PL																				.13						.13
CHICAGO SPRINGFLD PUMP																				.06						.06
CHICAGO UNIVERSITY																					.05					.05
CHICAGO WB AIRPORT																				.01	.06					.07
CHICAGO WB CITY																				.05	.02					.07
COLLINSVILLE											.02	.01	.01	.01												.05
COULTERVILLE											.02	.01	.01													.04
CRETE																							.14	.06	.01	.21
DOWNS 2 NE																						.02	.12			.14
DWIGHT STATE REFORM																						.31	.02	.01		.34
EVANSTON PUMP STA																			.01	.12						.13
FAIRBURY WATER WORKS	//																					.07	.05	.01		.13
FARMER CITY																						.03	.04	.01		.08
FREEPORT SEWAGE PLANT																	.04	.01								.05
FULTON DAM 13																	.01	.05								.06
GREENFIELD																						.02	.11			.13
HUDSON LK BLOOMINGTON																					.22					.22
JACKSONVILLE SEWAGE PL																					.11					.11
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																							.16	.01		.17
LANARK																	.27	.01	.01							.29
LOCKPORT LOCK AND DAM																				.05						.05
LOCKPORT POWER HOUSE																				.05						.05
MARDA																						.01	.04		.01	.06
MASON CITY																						.38	.02			.40
MC HENRY																				.16	.07	.01				.24
OREGON																			.10							.10
PIPER CITY																							.07	.01		.08
PITTSFIELD WATER WORKS																					.05					.05
PRAIRIE DU ROCHER W WKS										.03	.01		.01	.01												.06
PRINCETON 1 S	//																				.02					.02
PROPHETSTOWN																		.09	.01							.10
QUINCY CAA	6																				*	*	*	*	*	-
ROCKFORD CAA	6														*	*	*	*	*	.11						-
SKOKIE N S TREAT WKS																			.01	.07	.01					.09
STICKNEY W SIDE TREAT																				.01	.01					.02
SULLIVAN WATER WORKS	//																							.08		.08
URBANA EXP FARM																									.04	.04
WATERMAN	//																			.07						.07
WENONA																					.39					.39
—29th—																										
BELVIDERE SEWAGE PLANT																		.02	.07							.09
BRADFORD CAA	6	.01																								-
CHICAGO CAL TREAT WKS						.01																				.01
CRETE		.01																								.01
JOLIET WB AIRPORT	6	.15																								-
PIPER CITY		.01																								.01
PRINCETON 1 S	//	.01					.01																			.02
QUINCY CAA	6	.02																								-
RICHVIEW																		.02								.02
—30th—																										
BELLEVILLE SCOTT AF BSE	//													.06												.06
CHICAGO CAL TREAT WKS												.02	.02													.04
CHICAGO LAKEVISW PUMP										.01																.01
CHICAGO MAYFAIR PUMP ST											.01															.01
CHICAGO N BRA PUMP STA										.01	.01															.02
CHICAGO ROSELAND PUMP											.02	.01														.03
CHICAGO SAN DIST DISPAT											.01															.01
CHICAGO S FILTER PL												.02														.02
CHICAGO UNIVERSITY											.01	.01														.02
CHICAGO WB AIRPORT											.02	.01														.03
CHICAGO WB CITY											.01															.01
CISNE BROWN CAMP																	.30	.07	.01	.11	.01					.50
DANVILLE HOSPITAL															.01	.04	.01		.01							.07
DIONA																.15										.15
DOWNS 2 NE												.19	.01													.20
EFFINGHAM CAA	//																.05									.05
EVANSTON PUMP STA										.01																.01
FARMER CITY														.12	.01											.13
HOOPESTON														.05	.08	.01	.01									.15
HUTSONVILLE	//												.01	.01	.01				.35							.38
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT POWER HOUSE														.01												.01
LOUISVILLE																			.78	.01	.01					.80
NEWTON																		.17								.17
PARIS SEWAGE PLANT																	.25									.25

See reference notes following Station Index.

Table 4 - Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ROCKFORD CAA	6		•	•	•	•	•	.05																	-
SKOKIE N S TREAT WKS									.01																.01
STICKNEY W SIDE TREAT										.02															.02
WEST FRANKFORT 8 E																								.05	.05

MONTHLY AND SEASONAL SNOWFALL

July 1949 to June 1950

Station	July	August	September	October	November	December	January	February	March	April	May	June	Season
Albion					T	T	-	T		T			-
Aledo					T	.6	1.5	9.4	-	T	T		-
Alton Dam 26	T				T	T	-	T	.6	T			-
Anna 1 NW					T	.2	3.8	T	T	T	T		4.0
Annawan					T	T	-	-	T	T		-	-
Antioch		T			4.1	8.0	5.0	3.0	5.0	T			25.1
Aurora College		T			2.7	7.5	4.3	12.4	1.9	.2			29.0
Barry					.5	.4	1.2	2.5	2.7	T	T		7.3
Beardstown			-		T	.4	.6	6.7	.5				-
Belleville Scott AF Base			T		T	T	1.0	.6	T	-			-
Bentley				T	T	.5	1.3	4.0	2.5	1.0		T	9.3
Benton					-	.5	2.3	-					-
Bloomington	-	-			-	1.0	-	-	1.8	-	-	-	-
Bloomington Normal					T	1.1	1.8	11.0	.2	-	T	T	-
Bluffs				T	T	T	T	2.1	.4	T	T		2.5
Bradford CAA AP		T			.1	2.7	.9	17.2	1.6	T			22.5
Brookport Dam 52					-	T	2.0	-					-
Cairo WB City				T	T	T	4.2	T	T	T			4.2
Canton					T	1.0	-	-	1.0				-
Carbondale Sewage					T	T	-	-	T		T		-
Carlinville 4 E		T			T	.5	-	2.7	2.1				-
Carlyle					-	.5	-	.8	T				-
Carmi					T	.8	-	T					-
Casey					-	-	-	2.0					-
Centralia 4 W					T	.5	T	T	T	-			-
Chandlerville					T	1.2	T	6.0	8.2	T			15.4
Channahon Dresden					2.0	3.5	2.5	15.4	.3	1.5			25.2
Charleston					T	T	-	1.7	T	T			-
Chenoa	T				T	.8	2.7	14.7	2.1	T		T	20.3
Chester					-	-	-	-					-
Chicago Heights					3.0	-	2.1	-	-	2.5			-
Chicago University					-	-	-	-	-	-	-	-	-
Chicago WS AP		T			2.6	5.3	3.0	16.6	5.3	1.0	-	T	33.8
Chicago WB City					-	-	-	-	-	-	-	-	-
Chillicothe					.4	.9	3.0	14.0	.7	T			19.0
Cicero					3.3	5.3	2.2	16.3	3.7	.5			31.3
Clinton 1 S					T	T	T	7.5	2.0				9.5
Collinsville		-	-	-	-	-	-	-	-				-
Danville					T	-	-	9.5	4.5		T		-
Danville Sewage Plant				-	T	1.0	-	5.2	1.8	T			-
Decatur					T	T	1.5	6.6	8.9	T		T	17.0
Des Plaines 1 NW					3.0	12.6	-	15.3	4.6	.3			-
Dixon					1.0	1.5	2.5	6.5	1.5	T			13.0
Du Quoin					T		T	T			T		T
Dwight					-	T	-	15.0	1.0	T			-
East St. Louis		T			T	.4	.9	T	T	T			1.3
Edwardsville					T	.7	-	.5	.2	T			-
Effingham CAA AP					T	.8	T	.2	T	T			1.0
Elgin					4.1	8.5	2.6	10.0	5.2	T			30.4
Elizabethtown				T	T	T	-	T	T	T			-
Elsah	T				-	T	1.6	.2	-	-			-
Fairfield		-			-	-	-	T	-				-
Flora			-		T	T	-	-		-		T	-
Freeport					6.6	7.0	5.0	6.3	8.8	-	T		-
Freeport Sewage Plant					6.7	8.5	5.0	6.0	8.5	8.1			42.8
Fulton Dam 13			-		-	-	2.8	-	3.4	-			-
Galena					-	-	4.5	6.0	1.0	T		-	-
Galesburg					T	.5	3.5	12.0	.6	-	T		-
Galva					T	1.4	2.3	12.9	.8	T			17.4
Geneseo					T	T	.7	9.1	1.0	-		T	-
Gibson City					T	T	.8	-	1.9	.3		T	-
Gladstone Dam 18					T	1.8	1.5	-	6.1	T			-
Glendale Exp. Farm					-	-	-	-					-
Golconda Dam 51					T	1.0	2.5	T	T	T			3.5
Golden					T	.5	-	-	2.0	T		T	-
Grafton					T	T	4.5	-					-
Grand Tower 2 N					T	.3	-	T	T	T			-
Greenup					T	T	-	-	-	T	-		-
Greenville					T	2.0	-	2.0	T	T			-
Gridley					T	1.2	1.5	14.4	.3	-		T	-
Griggsville					-	T	T	-	.3				-
Hardin					-		2.5	1.1	-	T			-
Harrisburg				T	T	T	1.5	T	T	T	T		1.5
Harrisburg Disp Plant					-	T	-	T	T				-
Havana					T	.9	.5	1.0	1.8	T			4.2
Havana No. 2					T	-	-	-	-				-
Henry		T	T		T	1.2	2.2	13.5	1.2	T		T	18.1
Hillsboro					T	1.0	1.0	2.6	.6				5.2
Hoopeston					T	1.5	1.6	12.0	4.0	T			19.1
Hutsonville Power Plant					-	1.2	-	.3	T	T			-
Illinois City Dam 16		-			.5	3.7	1.2	11.9	2.6	1.0			-
Jacksonville					T	T	.5	3.5	4.5				8.5
Jerseyville	-	-	-		.1	T	-	T		T			-
Joliet Brandon Road					-	T	-	13.8	2.0	T			-
Joliet WB AP					1.8	3.8	2.0	17.8	3.4	.3	T		29.1

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Station	July	August	September	October	November	December	January	February	March	April	May	June	Season
Kankakee					2.5	T	1.4	12.9	.9	T	T		17.7
Kankakee 4 W					1.9	.3	3.0	17.0	2.7	.2			25.1
Keithsburg					.3	2.5	-	-	3.0				-
Kewanee					.5	1.6	2.5	-	T	T			-
Kickapoo		-		-	-	T	-	T		T			-
La Harpe 1 SW			T		.2	1.3	2.5	4.3	5.9	T	T		14.2
La Salle					1.1	3.5	1.7	14.2	3.7	.1		T	24.3
Lawrenceville			-			1.2	.6		T				-
Le Roy					T	1.9	2.3	7.3	.9	.5			12.9
Lincoln					T	.8	.5	7.4	.5	-	T	T	-
Lincoln No. 2					T	-	T	-	2.3				-
Mackinaw					T	.2	-	-	T	-	-		-
Macomb		T			.2	2.5	1.4	5.0	4.2	-		T	-
Marengo					6.7	12.4	3.3	8.0	6.9	.9			38.2
Marion						T	-	-	T		T		-
Marseilles Lock	T				.4	T	-	13.0	1.2	T		-	-
Marshall					-	-	-	-		T			-
Mascoutah		T			T	T	-	.2	T	T			-
Mattoon					T	T	.9	3.0	T		T		3.9
Mc Henry 2 S					4.9	16.7	4.4	9.5	6.4	1.0		T	42.9
Mc Leansboro	T				T	T	-		T	T	T		-
Medora					T	.5	2.5	.5	2.3	T			5.8
Minonk					T	T	-	-	T	T		T	-
Moline WB AP					.5	2.3	1.7	7.9	2.5	.4	T		15.3
Monmouth Airport					2.1	.2	-	-	2.5		T		-
Monticello					-		-	-	T	-	T		-
Morris					-	.5	-	14.5	T	T			-
Morris 3 NE		T			1.0	.5	1.0	-	1.0	T			-
Morrison		T			1.2	2.0	2.2	6.4	-	-	T	T	-
Morrisonville 1 E					T		-	1.8	2.0	T			-
Mt. Carmel							.5						.5
Mt. Carroll					3.5	6.7	4.6	8.5	7.4	2.5		T	33.2
Mt. Olive					T	-	1.5	2.0	.3	T			-
Mt. Pulaski				T	T	T	1.0	7.7	1.5				10.2
Mt. Vernon					-	-	1.0	1.0				T	-
Nashville 3 NW					T	.3	.8	T	T	T			1.1
Newark 7 E		-			.1	3.1	.5	-	.1	-			-
New Boston Dam 17					T	1.5	-	12.4	2.8	T			-
New Boston					T	.2	1.5	12.5	2.0	T		T	16.2
New Burnside				T	T	.4	5.8	.1	T	T	T		6.3
Newton		-			T	-	T	-	T	T			-
Olney Radio Station			-	-	-		.9		T				-
Oregon Water Works			-	-	-	-	3.0	5.0	4.0	T			-
Ottawa					T	5.8	.7	17.0	1.2	T			24.7
Palestine					-	3.3	1.2	1.1	T	.5			6.1
Pana					T	.5	3.5	4.2	1.5	T	T	T	9.7
Paris Water Works		-				.5	-	-	T	-			-
Paw Paw					1.0	5.9	1.0	10.0	3.3				21.2
Payson	-			-	T	-	T	1.5	4.0	-	-		-
Peoria WB AP					.3	3.6	2.1	10.7	2.0	T	T		18.7
Peotone					2.0	T	2.0	18.0	3.0	-			-
Peru					.5	1.0	1.0	9.7	-	-			-
Petersburg					T	T	T	-	-		T		-
Pleasant Hill 2 E				-	T	T	.2	2.0	3.5	T	T		-
Pontiac					T	.5	.9	13.0	.5	T			14.9
Princeville 2 NW					.2	1.0	2.2	16.1	1.6	.3	T		21.4
Quincy		T			T	.8	.5	2.3	4.0	-			-
Quincy CAA AP		T			T	.9	.8	T	4.5	.5			6.7
Quincy Dam 21	T	-			-	.7	1.0	2.0	2.0				-
Quincy Memorial Bridge					T	.5	.9	1.1	4.0	T			6.5
Rantoul Chanute AF Base					T	2.0	T	7.2	4.0	T		T	13.2
Red Bud		T			T	-	1.3	.8	T				-
Roberts 3 N					T	1.0	2.0	9.7	2.1	T			14.8
Rochelle					3.0	3.5	2.0	8.5	3.5	1.0			21.5
Rockford					2.0	-	-	8.5	-	2.1			-
Rockford CAA AP					4.7	10.0	2.0	4.8	5.6	2.6			29.7
Rock Island Dam 15					T	4.0	.7	10.2	5.3	4.5	T	T	24.7
Rockport	-			-	-	-	-	-	-	-			-
Rushville					T	-	-	-					-
Ste. Marie					T	1.5	.5	.2		T			2.2
Salem					.6	.5	-						-
Shawneetown New Town					T	T	1.7	.2	T	T	T		1.9
Sidell					T	1.3	1.4	5.1	6.5	T			14.3
Sparta					T	T	2.8	T	T	T	T		2.8
Springfield WB AP					.2	.4	.7	3.8	3.7	T			8.8
Springfield WB City						-	-	-	-				-
Stockton					7.0	7.0	3.0	5.0	8.0	2.0		T	32.0
Streator					.4	1.4	2.5	15.9	2.8	T			23.0
Sycamore					3.0	-	2.5	10.8	7.4	T			-
Table Grove					.5	2.0	2.2	7.1	3.7	T	T		15.5
Taylorville					T	1.0	2.0	-	-				-
Tiskilwa						T	-	-	.3	.3			-
Toulon					.3	2.9	2.3	13.8	2.0	.3		T	21.6
Tuscola					T	-	1.1	7.1	.5				-
Urbana		T			T	1.0	.5	7.7	3.6	.5			13.3
Urbana Eng Campus					-	-	-	-	-				-
Utica Starved Rock Dam					1.0	.7	.6	12.5	T	T			14.8
Vandalia					-	T	.2	.8	T	-	-	-	-
Virden					T	.2	-	.2	2.2	T		T	-
Walnut					-	.2	.8	8.2	T			T	-
Warsaw					T	.7	2.4	2.5	4.1				9.7
Waterloo					.2	T	-	T	T	-			-
Watseka					T	.5	1.4	12.1	2.0	T	T		16.0
Waukegan					4.0	8.5	5.0	12.6	4.6	.5			35.2
Wayne City				-		-	-	-					-
Wheaton College		T			3.7	-	-	10.6	2.0	T			-
White Hall 1 E					T	T	T	-	1.3				-
Wilcox					T	-	-	-		T			-
Windsor					T	-	2.5	4.5	2.0	T	T		-

See reference notes following Station Index.

DAILY TEMPERATURES

Table 2

ILLINOIS
JUNE 1950

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	79	82	75	75	73	83	88	87	83	81	81	76	84	83	84	91	80	69	69	75	85	85	86	88	92	88	79	82	75	77		81.2
	MIN	50	61	54	43	49	57	61	69	64	57	53	57	61	69	64	73	52	47	54	53	60	65	75	68	70	64	54	59	51	55		59.0
ALTON DAM 26	MAX	79	85	69	76	81	82	86	82	84	84	87	81	86	94	92	94	79	94	80	82	88	90	89	93	96	95	83	74	80	87		85.1
	MIN	58	60	52	48	50	56	62	67	68	64	59	61	66	64	64	70	58	58	64	62	62	68	74	72	73	72	64	62	58	56		62.4
ANNA 1NW	MAX	76	79	74	72	77	81	85	82	85	87	82	82	90	90	92	92	82	94	86	84	84	86	87	87	94	95	85	77	81	84		84.4
	MIN	56	60	59	49	49	54	60	65	69		56	56	63	65	70	69	68	62	70	68	65	68	73	73	72	72	65	55	58	52		62.8
ANTIOCH	MAX	76	77	67	74	77	82	84	87	84	82	77	78	77	82	77	84	60	55	67	71	79	83	86	82	85	82	73	78	71	67		76.8
	MIN	52	56	49	44	54	61	61	65	70	58	52	50	60	64	59	59	43	45	49	54	51	65	73	65	62	66	54	56	51	54		56.7
AURORA COLLEGE	MAX	80	81	65	73	78	83	87	88	84	77	78	77	82	80	83	89		56	68	71	81	84	89	85	88	84	76	79	73	73		79.0
	MIN	48	57	53	41	49	55	58	64	70	58	47	52	61	64	63	62	44	44	51	51	55	61	72	66	63	70	55	53	50	56		56.4
BELLEVILLE SCOTT AF	MAX	75	82	74	72	77	82	90	81	84	84	81	82	87	87	91	92	83	92	80	76	85	88	89	90	96	95	82	71	78	88		83.8
	MIN	58	59	55	52	52	54	61	67	70	67	58	59	67	67	69	71	63	61	65	54	64	70	75	76	76	72	63	62	58	57		63.7
BLOOMINGTON NORMAL	MAX	80	85	85	76	82	85	89	88	85	81	80	79	82	85	87	90	88	62	65	67	85	86	88	88	94	93	89	77	76	80		82.6
	MIN	52	64	57	46	50	58	63	69	67	65	52	58	63	67	65	69	47	57	53	55	58	66	75	75	70	73	58	60	55	56		60.8
CAIRO WB CITY	MAX	80	81	72	74	80	83	86	83	87	88	83	83	92	95	95	96	86	98	91	86	87	90	88	90	97	96	85	80	82	86		86.7
	MIN	62	66	59	55	56	60	68	70	73	69	65	64	68	69	74	74	71	68	71	70	69	73	77	76	77	75	68	63	64	59		67.8
CARBONDALE SEWAGE PL	MAX	76	81	77	72	78	82	85	86	85	87	80	82	91	91	94	95	90	95	91	84	85	87	88	89	96	97	84	79	81	84		85.7
	MIN	55	59	60	50	49	52	61	66	69	67	55	56	64	64	71	68	67	63	61	65	69	69	75	76	73	75	66	55	57	48		62.8
CARLINVILLE 4E	MAX	76	86	70	72	77	80	85	84	81	81	80	79	82	85	91	91	74	86	82	76	84	87	89	89	94	92	84	76	76	84		82.4
	MIN	52	55	57	47	45	52	59	65	67	65	51	55	65	63	72	70	53	58	62	56	58	67	71	74	74	73	60	53	55	52		60.2
CARLYLE	MAX	75	84	73	71	80	84	87	83	85	86	80	82	87	86	91	93	85	92	82	73	84	89	92	91	98	94	81	74	77	84		84.1
	MIN	59	67	62	52	55	57	65	72	74	70	58	61	68	68	75	74	60	63		64	64	70	74	77	76	75	64	60	60	55		65.5
CHARLESTON	MAX	77	85	75	74			85	86	84	84	83	79	75	85	92	93	90	87			83	86	87	89	95	94	88	76	77	84		84.3
	MIN	54	60	55	46			60	65	66	66	52	54	62	67	69	67	50	57			59	64	74	73	68	75	61	53	55	51		60.9
CHICAGO HEIGHTS	MAX	80	83	64	73			88	90	85	80	76	79	82	85	84	90	66	55	67	70	82	86	88	85	88	87	77	79	74	76		79.3
	MIN	54	56	52	42			64	65	69	62	50	56	62	64	65	66	45	47	50	53	57	65	73	66	62	72	57	52	51	50		58.1
CHICAGO UNIVERSITY	MAX	78	82	66	73	80	85	88	89	83	76	71	79	74	78	80	90	54	54	59	70	80	86	89	80	86	87	66	80	70	69		76.7
	MIN	58	58	53	51	58	61	66	68	64	58	56	61	63	64	60	48	46	48	52	55	56	66	75	65	62	65	59	60	58	57		59.0
CHICAGO WB AIRPORT	MAX	80	83	65	74	81	87	91	91	83	78	78	81	82	84	84	92	60	55	68	72	85	88	90	84	90	89	75	81	75	74		80.0
	MIN	53	58	53	46	56	59	61	65	64	58	55	57	62	65	63	48	47	50	52	53	59	64	74	67	65	64	60	56	55	55		58.1
CHICAGO WB CITY	MAX	80	82	66	74	80	86	89	91	85	79	71	80	72	78	80	92	52	54	61	72	80	86	90	82	87	89	69	81	74	71		77.8
	MIN	60	57	54	53	60	62	70	73	68	63	60	63	64	63	62	49	47	50	51	56	56	70	76	65	63	68	61	62	59	60		60.8
CICERO	MAX	81	83	68	75	81	87	90	92	85	79	77	81	82	82	82	92	62	56	66	74	83	87	91	84	90	88	77	81	75	76		80.2
	MIN	52	57	53	45	54	59	60	65	70	61	53	56	62	65	64	61	46	49	52	53	57	64	73	66	65	70	59	55	54	58		58.6
DANVILLE	MAX	82	89	70	75	83	83	88	90	87	83	79	81	78	89	92	92	67	62	66	75	86	88	91	90	89	92	79	74	75	85		82.0
	MIN	47	59	55	45	47	56	58	64	68	66	48	51	63	66	64	67	47	54	55	60	55	61	73	74	66	75	59	52	56	50		58.7
DECATUR	MAX	79	85	72	72	80	85	89	86	80	83	82	78	84	86	89	91	76	80	67	73	86	86	86	89	96	93	79	74	75	83		82.1
	MIN	51	62	57	45	49	57	62	67	68	67	59	58	65	66	68	70	49	51	59	60	58	65	74	73	73	75	60	59	56	54		61.2
DIXON	MAX	80	77	70	75	78	85	86	87	85	83	79	75	80	85	84	90	76	65	68	72	83	84	86	85	91	91	77	81	74	75		80.2
	MIN	49	58	53	40	49	56	61	68	70	56	47	52	60	65	65	67	46	46	52	51	55	63	74	66	62	62	54	55	48	55		56.8
DU QUOIN	MAX	76	81	73	72	82	83	86	82	85	86	81	82	82	88	94	92	87	92	89	80	85	87	87	90	97	97	88	78	80	85		84.9
	MIN	56	61	59	56	50	50	63	68	70	68	61	60	60	68	74	72	65	66	63	63	68	70	75	76	75	73	65	59	60	53		64.2
EAST ST LOUIS	MAX	77	85	72	74	80	83	87	83	83	87	83	85	87	87	93	94	88	88	88	77	86	90	90	90	96	98	88	78	80	87		85.5
	MIN	58	62	57	52	51	57	63	68	70	68	59	63	68	60	74	71	62	61	67	64	63	69	76	77	75	76	68	63	61	55		64.6
EFFINGHAM CAA	MAX	76	85	66	71	77	81	85	84	84	82	77	79	79	82	89	90	72	85	72	74	84	85	87	88	93	91	76	70	75	84		80.8
	MIN	51	58	49	46	48	52	60	64	69	61	52	54	63	60	70	70	53	58	64	62	59	67	72	71	71	66	56	52	55	49		59.4
ELIZABETHTOWN	MAX	78	80	77	73	81	83	86	83	84	86	82	81	88	89	92	93	88	92	89	82	85	84	86	87	92	95	94	80	80	82		85.1
	MIN	56	60	65	48	49	51	60	65	68	67	58	56	61	63	70	69	69	63	74	67	67	69	74	74	72	70	62	56	58	49		63.0
FAIRFIELD	MAX	79	84	76	79	80	82	80	83		83	74	80	88	85	92	93	87	90	84	75	84	88	90	90	95	93	89	76	79	80		84.1
	MIN	57	60	59	48	60	60	62	70		70	58	56	62	66	71	70	60	60	66	65	65	71	70	73	74	73	64	57	58	57		63.5
FLORA	MAX	81	85	76	72	79	83	86	85	87	85	80	80	85	86	91	93	87	90	87	75	85	88	90	92	98	94	88	86	87	85		85.5
	MIN	57	69	57	48	52	60	56	64	70	70	55	54	63	65	71	73	57	59	65	61	62	69	75	73	74	76	65	55	58	55		62.9
FREEPORT	MAX	78	75	67	76	77	84	85	85	82	74	80	74	82	87	81	88	75	59	71	72	82	83	84	82	89	84	77	80	74	73		78.7
	MIN	49	57	48	40	51	58	61	66	67	57	46	52	59	63	66	66	45	45	52	53	54	61	72	66	60	60	54	57	47	53		56.2
FULTON DAM 13	MAX	77	75	67	74	77	82	85	86	83	76	81	72	82	85	84	85	76	59	70	73	83	84	84	82	91	86	76	80	75	72		78.7
	MIN	53	58	55	42	55	64	61	66	67	64	57	58	62	69	66	69	49	46	53	57	61	64	75	66	66	66	58	60	57	58		60.1
GALESBURG	MAX	79	82	68	76	79	83	88	86	84	79	83	71	87	85	84	89	70	59	70	73	85	86	87	90	94	86	80	85	77	79		80.8
	MIN	53	58	47	44	53	59	63	67	68	58	53	60	60	70	67	70	54	52	53	54	60	66	76	75	71	65	56	54	54	58		59.9
GALVA	MAX	79	83	78	76	80	85	88	87	85	84	81	84	85	85	85	90	75	60	69	74	86	87	87	88	93	88	79	82	75	77		81.8
	MIN	50	59	54	42	51	54	59	65	67	58	52	54	60	68	64	71	49	46	51	51	59	63	74	66	68	66	55	58	51	55		58.0
GOLCONDA DAM 51	MAX	76	78	70	70	77	81	82	80	82	86	78	80	88	87	92	90	80	92	92	80	81	85	86	84	90	95	80	72	78	80		82.4
	MIN	58	62	56	50	51	55	62	66	69	66	60	57	63	64	70	72	66	63	65	67	66	70	72	72	70	67	63	56	60	53		63.0
GREENVILLE	MAX	74	81	72	70	76	79	83	81	82	82	80	77	83	82	89	89	86	88	78	72	81	85	87	87	93	90	82	70	75	80		81.1
	MIN	55	59	54	49	54	54	61	65	69	66	57	59	63	64	72	69	56	58	64	62	61	67	73	73	74	75	62	59	58	55		62.2
GRIGGSVILLE	MAX	75	85	78	76	79	84	87	87	83	82	86	84	86	84	92	93	82	85	70	81	87	89	91	92	96	95	83	82	78	85		84.6
	MIN	50	58	50	42	50	54	57	62	62	63	58	58	53	55	69	70	51	56	51	53	60	64	72	72	72	69	51	59	50	53		58.1
HARRISBURG	MAX	78	82	75	73	81	83	87	86	87	88	79	82	90	91	94	94	82	95	88	82	87	88	89	90	96	97	89	77	82	74		85.5
	MIN	58	60	65	50	49	53	60	62	67	67	56	55	61	65	72	71	69	62	72	65	65	70	74	75	74	72	65	55	58	50		63.2
HAVANA	MAX	83	86	78	77	81	86	89	88	81	83	82	76	83	82	90	91	75	63	67	71	86	88	89	87	94	91	80	81	77	82		82.2
	MIN	52	64	57	47	50	54	60	69	70	67	54	58	67	66	68	71	52	53	57	52	60	66	75	72	74	73	60	60	56	55		61.3
HENRY	MAX	78	84	69	78	81	84	88	87	82	83	84	73	84	84	85	90	77	59	69	74	87	86	87	85	93	89	82	84	80	83		81.6
	MIN	50	58	57	42	51	59	62	69	70	60	49	52	61	69	64	66	45	49	53	53	59	63	75	69	69	70	59	60	53	61		59.2
HILLSBORO	MAX	75	82	70	72	78	82	85	83	82	83	80	80	79	83	90	91	72	85	70	73	83	88	88	95	93	82	74	76	83			81.5
	MIN	53	58	60	47	50	54	60	65	70	65	54	57	63	63	72	71	54	58	64	62	61	67	73	72	74	73	61	57	56	53		61.6
HOOPESTON	MAX	79	86	72	76	81	84	88	88	85	81	78	80	82	85	87	89	75	61	68	70	83	85	88	86	89	89	84	73	75	80		80.9
	MIN	50	59	56	43	49	55	57	62	69	65	48	52	63	66	64	67	46	53	53	57	55	61	73	75	66	75	58	52	54	51		58.5
JACKSONVILLE	MAX	80	85	77	77	81	85	88	87	81	83	83	79	87	83	90	92	76	85	69	75	85	90	91	92	97	92	85	79	77	84		83.8
	MIN	51	62	55	47	48	54	60	67	68	66	53	58	65	66	70	70	52	59	59	54	59	67	75	73	74	73	60	56	54	53		60.9

See reference notes following Station Index.

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE	MAX	75	83	78	73	79	85	87	89	85	85	84	84	86	85	91	93	93	90	89	84	88	90	91	91	96	95	92			85		86.6
	MIN	54	61	56	47	52	55	60	68	69	65	60	66	64	65	68	68	56	61	63	62	62	69	74	80	75	75	68	62	55	53		63.1
JOLIET WB AIRPORT	MAX	80	83	65	74	80	85	88	89	83	76	78	78	82	84	86	91	63	55	68	71	82	86	88	84	88	87	76	82	76	76		79.5
	MIN	48	58	49	42	49	54	57	63	65	55	49	53	62	65	67	48	44	50	52	48	55	62	74	65	62	62	57	54	51	53		55.8
KANKAKEE	MAX	79	83	76	75	80	83	87	88	84	77	78	77	82	84	85	90	84	56	66	69	81	85	88	85	89	89	83	78	78	76		80.5
	MIN	53	59	55	46	55	57	61	64	68	64	52	55	66	65	65	62	46	46	46	46	57	63	73	72	68	75	59	58	54	56		58.9
KANKAKEE 4 W	MAX	78	83	72	73	79	84	87	89	85	77	75	77	79	83	86	88	81	56	65	70	80	84	88	85	87	87	75	77	74	78		79.4
	MIN	49	57	54	44	52	53	58	62	68	61	50	54	62	62	64	68	45	46	51	51	57	62	72	70	60	73	56	56	52	55		57.5
KEWANEE	MAX	80	82	70	75	78	84	88	88	82	78	80	74	83	84	86	90	75	58	62	71	82	84	85	88	91	85	76	82	75	76		79.7
	MIN	53	59	54	44	56	58	63	70	71	60	55	58	60	70	63	74	48	47	53	52	60	66	74	70	66	68	56	58	51	58		59.9
LA HARPE 1 SW	MAX	79	81	74	75	78	83	86	86	85	81	83	82	87	87	89	93	85	63	70	71	86	87	88	89	93	91	80	84	79	80		82.5
	MIN	50	62	55	42	47	56	61	65	67	57	51	57	62	65	61	71	54	48	54	51	58	65	75	70	71	63	53	59	50	53		58.4
LA SALLE	MAX	84	86	71	78	83	88	93	93	86	80	85	79	84	89	87	93	80	60	69	74	88	90	90	86	95	89	79	84	76	77		83.2
	MIN	52	60	56	42	55	57	61	67	71	60	50	53	61	68	66	65	48	50	53	54	58	64	76	68	64	70	57	60	52	60		59.3
LINCOLN	MAX	82	86	74	78	83	86	89	89	80	83	81	77	86	85	90	92	72	69	67	74	85	87	88	90	95	92	82	78	76	83		82.6
	MIN	51	61	56	43	50	57	61	66	67	66	51	57	63	66	68	69	48	56	57	60	58	64	73	74	71	71	57	58	53	54		60.2
MARENGO	MAX	78	75	66	74	78	84	88	88	83	78	80	77	84	88	80	87		60	69	72	82	85	85	84	89	82	79	79	74	73		79.3
	MIN	48	55	50	42	51	57	57	63	68	56	47	56	60	63	64	65	42	45	50	52	54	62	71	64	60	62	56	56	46	55		55.9
MATTOON	MAX	76	85	67	70	78	80	84	85	85	81	76	77	79	83	90	90	68	83	68	80	82	85	85	88	92	91	75	67	75	82		80.2
	MIN	53	59	49	46	54	55	62	65	66	61	55	56	62	62	67	66	49	57	52	52	59	63	73	73	70	67	56	55	54	51		59.6
MC LEANSBORO	MAX	77	83	77	74	80	83	85	84	86	88	81	80	87	88	93	94	88	53	87	78	85	87	88	89	96	96	89	77	81	84		85.3
	MIN	58	61	60	49	50	54	62	66	69	70	57	57	62	61	71	72	64	61	68	64	67	70	74	73	74	75	65	58	59	50		63.4
MINONK	MAX	82	87	80	77	83	87	90	92	87	80	82	75	84	85	85	92	85	63	65	70	85	87	89	89	93	89	84	82	77	78		82.8
	MIN	51	58	56	42	47	52	58	65	71	62	60	52	61	68	64	66	45	48	50	51	57	67	76	69	67	69	55	54	52	51		58.1
MOLINE WB AIRPORT	MAX	79	80	65	76	79	85	88	87	84	75	81	71	85	84	83	88	67	59	70	75	87	87	88	83	94	84	79	82	76	75		79.9
	MIN	54	60	49	44	52	60	61	71	64	57	50	57	61	68	65	67	50	48	54	55	59	65	77	68	70	65	58	59	54	55		59.2
MONMOUTH AIRPORT	MAX	80	82	76	73	76	84	86	87	83	81	79	70	85	84	85	90	80	60	70	73	85	86	86	89	91	85	77	82	78	79		80.7
	MIN	50	51	51	42	54	58	60	67	64	58	49	58	60	66	63	72	51	47	52	53	60	60	74	65	70	63	55	59	57	59		58.3
MORRIS 3 NE	MAX	82	82	80	76	81	85	89	90	85	82	77	78	81	84	86	91	85	61	61	71	83	86	90	85	90	89	80	81	80	75		81.5
	MIN	52	58	53	43	52	57	61	63	71	62	49	55	61	66	67	67	45	49	51	53	58	62	74	68	62	72	56	58	52	57		58.5
MORRISON	MAX	81	77	68	76	79	86	89	88	86	77	84	75	84	86	85	90	75	60	71	75	86	87	86	83	94	87	80	82	77	77		81.0
	MIN	49	58	53	44	52	57	59	66	66	58	52	56	60	68	65	69	48	46	53	53	58	63	75	66	67	63	55	58	52	57		58.2
MORRISONVILLE 1 E	MAX	74	83	71	71	77	80	82	82	81	80	78	78	82	83	90	90	78	85	69	74	84	87	88	89	94	91	75	70	70	83		80.6
	MIN	52	58	58	46	50	55	60	65	66	65	52	56	64	62	71	70	50	68	62	60	57	62	68	67	74	75	60	59	54	51		60.6
MT CARMEL	MAX	81	85	78	75	85	86	89	88	85	88	82	82	85	88	95	95	85	92	86	82	89	89	89	89	98	96	90	90	80	86		86.9
	MIN	57	56	57	46	50	57	60	64	69	71	52	55	60		62	63	60	60	60	66	62	65	70	72	70	70	74	64	56			61.8
MOUNT CARROLL	MAX	78	77	66	73	77	83	86	86	82	80	79	77	84	85	83	86	77	61	71	74	84	85	83	82	90	88	77	80	74	73		79.4
	MIN	51	57	52	42	53	61	62	67	67	59	47	52	61	65	66	67	46	46	53	53	55	64	76	66	62	60	55	55	50	58		57.6
MT VERNON	MAX	79	85	77	75	83	86	91	85	86	87	84	84	88	90	95	95	85	92	82	78	87	88	88	91	99	96	85	80	80	85		86.2
	MIN	57	60	57	50	50	54	61	65	69	70	59	58	62	67	74	73	64	60	66	63	65	70	73	73	75	75	66	60	60	54		63.7
NEW BURNSIDE	MAX	75	81	75	70	79	82	84	83	83	82	78	79	87	86	91	92	82	90	88	79	80	83	85	87	93	91	82	76	78	81		82.7
	MIN	55	60	59	48	48	53	61	66	68	66	54	54	63	64	70	68	66	61	71	64	65	68	73	71	71	70	64	52	56	49		61.9
NEWTON	MAX	78	85	73	73	81	84	87	86	85	85	82	81	83	85	91	92	85	90	85	75	85	88	88	92	96	95	80	81	79	84		84.5
	MIN	52	55	56	45	48	50	57	60	68	70	52	51	60	65	68	67	55	57	64	59	58	65	73	71	70	74	61	52	54	48		59.5
OLNEY RADIO STA	MAX	79	83	75	72	79	85	87	87	86	85	81	83	84	87	93	92	89	90	89	75	82	86	88	85	95	93	90	71	77	83		84.4
	MIN	55	61	59	46	49	53	61	63	70	72	55	53	63	62	70	68	58	59	66	63	62	68	75	74	75	74	63	65	56	50		62.3
OTTAWA	MAX	83	83	69	79	83	87	89	87	81	79	83	76	83	89	84	92	81	59	67	70	84	85	88	83	91	90	80	82	77	80		81.5
	MIN	53	60	58	45	55	58	61	68	71	62	52	55	62	67	67	67	48	50	53	54	59	63	78	68	66	71	58	60	52	62		60.1
PALESTINE	MAX	78	85	70	72	80	85	88	87	87	85	78	83	78	85	92	91	73	87	75	77	85	90	90	95	93	78		78		85		83.2
	MIN	53	58	52	45	58	53	60	62	63	65	52	51	61	66	66	67	56	57	64	63	60	67	73	67	73		53	55	63	51		59.8
PANA	MAX	80	89	70	74	81	85	89	88	87	87	81	82	80	84	93	93	75	86	70	75	87	90	90	92	97	95	80	72	77	87		83.9
	MIN	53	59	58	47	51	53	59	65	68	67	54	56	63	62	71	70	52	57	63	61	59	66	74	73	75	75	61	56	57	51		61.2
PARIS WATER WORKS	MAX	79	85	69	72	78	82	85	85	84	81	77	79	77	84	90	90	72	80	70	74	85	85	88	88	94	91	80	68	75	82		81.0
	MIN	50	54	55	45	51	56	59	64	67	66	51	55	62	67	65	67	49	55	59	61	58	63	72	73	67	74	60	53	57	53		59.6
PEORIA WB AIRPORT	MAX	80	85	66	75	80	85	88	86	82	81	82	75	84	83	87	90	64	60	67	71	85	86	89	87	94	89	78	81	76	79		80.5
	MIN	50	62	51	44	49	55	62	68	70	59	51	57	62	67	65	62	50	50	54	52	59	66	75	71	71	66	60	61	55	56		59.3
PONTIAC	MAX	79	82	72	75	79	82	86	87	82	79	77	76	81	82	84	88	82	59	65	69	80	84	86	84	89	87	77	77	74	77		79.4
	MIN	53	58	55	44	52	57	59	64	69	63	53	55	62	67	64	65	46	50	52	53	58	62	73	70	65	72	57	57	53	56		58.8
QUINCY	MAX	81	83	75	79	82	86	88	88	86	82	86	79	88	85	92	94	80	81	70	79	87	89	89	94	98	92	81	83	77	82		84.5
	MIN	54	64	54	46	51	58	64	70	70	65	55	64	62	65	69	73	58	53	57	54	61	69	75	75	77	70	50	61	56	58		62.3
QUINCY CAA	MAX	77	82	67	75	78	81	85	86	81	82	84	79	86	82	87	89	70	80	65	75	84	86	87	90	92	89	79	81	77	83		81.3
	MIN	48	60	48	42	46	54	60	69	67	60	54	59	62	62	66	67	53	51	53	50	58	65	73	75	74	62	54	56	52	51		58.4
RANTOUL CHANUTE AF	MAX	78	85	69	76	79	84	87	89	82	81	77	79	81	85	89	90	63	60	69	69	84	86	88	86	92	91	76	72	74	80		80.0
	MIN	53	61	50	49	54	58	59	63	70	60	55	56	64	69	65	56	47	54	55	55	59	64	75	72	71	64	60	59	56	55		59.6
ROBERTS 3 N	MAX	79	87	73	76	86	85	88	89	85	80	77	79	87	83	86	87	77	60	64	67	81	84	87	85	89	89	80	77	73	78		80.6
	MIN	50	58	54	44	53	56	57	62	67	63	50	53	62	65	64	66	45	49	52	53	57	61	72	74	65	74	58	65	54	52		58 5
ROCKFORD	MAX	80	76	73	78	79	85	87	88	85	80	81	78	83	87	82	90	82	60	70	73	82	86	84	84	89	88	77	81	75	74		80.6
	MIN	51	57	52	42	52	62	60	66	70	58	48	55	67	65	66	68	45	47	52	54	54	63	72	65	61	63	53	57	47	57		57.6
ROCKFORD CAA	MAX	78	77	65	75	78	85	86	87	83	75	80	78	83	87	80	88	64	59	71	72	82	84	85	85	88	83	76	80	73	72		78.6
	MIN	51	57	48	43	52	61	62	66	62	53	49	57	60	66	66	53	44	47	52	55	54	64	68	65	62	59	55	54	49	54		56.3
RUSHVILLE	MAX	79		65	76	80	84	87	88	83	81	83	75	86	85	89	91	78	77	67	75	86	88	90	91	96	91	80	84	80	83		82.7
	MIN	52	59	56	43	48	53	59	67	68	65	54	60	63	65	68	70	53	54	57	64	59	65	74	71	74	68	57	60	53	52		60 4
SPARTA	MAX	77	83	72	72	78	83	86	84	84	87	82	83	91	87	93	93	89	93	86	81	85	89	87	90	98	96	90	79	80	86		85.5
	MIN	54	60	58	49	50	53	60	65	68	66	57	59	64	69	73	70	64	60	70	63	66	68	73	73	74	74	64	55	60	54		63.1
SPRINGFIELD WB AIRPORT	MAX	77	84	65	74	79	82	85	84	79	81	79	76	83	83	89	91	68	80	66	71	83	86	88	88	94	90	77	74	76	83		80.5
	MIN	51	65	52	46	49	58	65	69	67	59	52	60	63	66	72	66	50	57	59	60	60	69	75	75	76	62	59	62	55	54		61.1
SPRINGFIELD WB CITY	MAX	80	85	70	75	81	85	88	85	81	84	79	79	85	85	92	94	70	82	68	74	85	89	90	90	96	95	79	76	78	85		82.8
	MIN	56	65	56	50	57	60	65	69	69	66	60	63	64	67	73	70	51	59	60	61	63	69	76	76	76	69	63	64	58	59		63.8

See reference notes following Station Index

Table 5-Continued

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STOCKTON	MAX	76	73	66	73	75	83	84	85	82	79	78	74	80	83	80	83	76	61	69	73	83	83	83	81	90	88	75	77	72	71		77.9
	MIN	48	55	47	42	50	60	59	65	69	55	50	59	58	64	64	65	42	44	57	52	51	62	67	64	62	59	52	58	49	56		56.2
SYCAMORE	MAX	80	78	66	75	80	85	88	89	85	74	87	78	83	88	84	88	63	60	71	74	83	87	88	86	90	89	72	81	79	73		80.1
	MIN	50	56	51	40	51	57	56	62	68	54	47	55	60	64	64	55	42	46	51	52	55	62	71	65	62	65	54	55	47	57		55.8
TABLE GROVE	MAX	80	83	65	76	80	85	87	86	83	81	82	74	84	82	90	91	77	63	65	72	86	87	89	88	93	89	79	84	76	81		81.3
	MIN	50	62	55	45	50	58	60	68	67	67	55	70	62	64	66	69	52	50	55	53	60	65	68	74	72	68	56	61	52	55		60.3
TUSCOLA	MAX	79	86	70	76	79	83	86	87	85	84	80	79	81	86	90	90	84	79	68	74	85	86	88	88	93	92	89	75	78	82		82.7
	MIN	50	59	56	45	50	54	59	63	68	69	51	54	61	68	64	68	48	57	59	60	62	64	73	73	67	75	59	56	55	52		60.0
URBANA	MAX	79	85	73	75	79	83	86	87	84	82	78	79	81	85	88	89	76	66	68	70	84	86	87	86	91	90	84	71	76	81		81.0
	MIN	52	61	57	47	53	58	61	63	69	66	54	57	63	69	65	69	48	57	56	55	58	64	73	74	70	75	59	58	55	55		60.7
VIRDEN	MAX	76	83	71	73	77	81	84	82	79	82	78	77	82	83	89	90	76	65	71	74	84	86	88	88	94	92	85	75	77	84		81.5
	MIN	50	59	56	45	49	58	60	65	66	67	53	58	63	63	70	70	51	57	61	59	59	67	74	73	74	72	59	58	53	52		60.7
WALNUT	MAX	81	82	72	77	80	87	90	89	87	83	81	77	81	87	85	89	83	64	69	73	86	86	89	86	94	91	78	83	75	76		82.0
	MIN	52	59	54	43	52	58	62	68	65	59	50	57	50	68	66	65	48	49	52	53	59	65	75	67	67	66	55	60	51	57		58.4
WATSEKA	MAX	79	85	77	71	82	85	89	89	86	80	77	79	81	83	87	89	79	59	65	71	81	85	89	86	88	91	83	79	74	79		80.9
	MIN	50	59	55	44	52	56	59	62	68	65	51	54	63	65	65	68	46	50	53	54	57	61	73	72	66	75	58	55	55	53		58.8
WAUKEGAN	MAX	78	75	65	75	78	84	87	85	83	80	73	79	77	81	78	85	57	53	69	72	80	86	89	85	82	83	76	79	74	71		77.3
	MIN	52	54	50	44	55	62	59	63	70	59	50	55	58	62	54	52	44	45	48	52	52	65	73	63	59	67	55	55	50	55		56.1
WHITE HALL 1 E	MAX	76	82	79	74	78	82	82	84	81	81	81	81	83	85	90	91	86	85	84	76	85	89	91	91	95	94	91	78	76	84		83.8
	MIN	52	51	55	46	48	51	60	67	67	64	54	60	65	66	69	68	55	59	60	54	58	67	75	73	74	73	59	56	55	50		60.4
WINDSOR	MAX	78	85	68	73	79	82	86	85	85	82	77	78	80	84	90	91	77	85	67	75	84	86	88	89	94	92	89	79	75	83		82.2
	MIN	52	58	55	46	52	52	59	63	65	67	51	55	61	64	69	69	49	56	61	61	59	65	73	71	72	74	60	54	55	51		60.0

Table 6

EVAPORATION AND WIND

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Carbondale Sewage Plant	EVAP	.28	-	.17	*	*	.21	.15	.29	.28	.11	.36	.14	.28	.32	.21	.23	.34	.30	*	*	.71	.20	.23	.26	.13	.48	.31	.30	.06	.31		6.89B
	WIND	30	40	40	42	28	30	30	40	60	110	40	10	60	100	33	59	74	44	100	66	20	35	89	134	96	87	14	29	19	32		1591
Springfield WB AP	EVAP	.36	.38	.30	.17	.24	.38	.37	.44	.34	.14	.43	.28	.26	.24	.21	.25	.39	.18	.22	.13	.05	.04	.54	.33	.30	.32	.48	.38	.17	.33		8.65
	WIND	82	132	169	138	49	116	121	132	170	140	60	45	159	116	100	90	142	89	84	79	65	72	151	144	76	103	64	161	90	100		3239

DAILY PRECIPITATION

Table 3

ILLINOIS
DELAYED DATA

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
January 1950 Carpenter 1 SW		.26	4.04	.52		.20			.15	.04		.20	1.13	.16	.43								.03		.52					.10		7.78
February 1950 Carpenter 1 SW								.33			.02	1.30	.23					.14			.88	.11									3.01
March 1950 Urbana Eng. Campus							.04				.29	.15				.05			.02	.01	T	.10	.05			.40	.43	.02	.01			1.57
April 1950 Beardstown Lagrange Dam	*	*	.45						.67																				.14	.02		1.28
May 1950 Payson							.18	.30									.39		.19	.02	.19	.31				.70	.17	.13	.83	.42	.02	3.85
June 1950 Marseilles Lock		.38	.37						T	.22			1.01	.29	.15	.16		.72	.75					.12	.64				.04			4.85

EVAPORATION AND WIND

Table 6

Station		Day of month																														Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
March 1950 Urbana Eng Campus	EVAP	.02	.05	.06	.05	.07	.05	.06	.03	*	.08	.34	-	-	*	.08	*	.09	*	*	*	*	*	.15	.07	.07	-	-	-	-	-	-	-
	WIND	41	65	66	66	66	68	74	82	82	44	44	45	41	37	49	45	47	61	84	80	20	43	56	71	37	70	73	81	82	24	27	1771

STATION INDEX

Station	Index No	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp	Observation time Precip.	Observer	Refer to tables
[illegible]	[illegible]	Edwards	7	38 22	88 03	447		6P	Mrs. Bessie Ellen	3
[illegible]	0072	Mercer	4	41 12	90 45	739	8P	6P	J. W. Parkinson	2 3 5
[illegible] Water Works	[illegible]	Warren	2	41 01	90 34	694		MID	Municipal Wtr. Wks.	3 4
[illegible] Dam [illegible]	[illegible]	Madison	4	38 53	90 11	432	MID	7A	Corps of Engineers	2 3 5
Anna 1 SW	0187	Union	5	37 28	89 15	629	7P	7P	J. Bon Hartline	2 3 5 7
Annawan	0195	Henry	6	41 24	89 55	620		5P	Robert J. Pont	3
Antioch	0203	Lake	1	42 29	88 06	770	7P	7P	Roy I. Kufalk	2 3 5 7
Augusta [illegible] School	0330	Hancock	1	40 14	90 57	680		MID	Arthur L. Eicken	3 4
Aurora College	0338	Kane	1	41 45	88 20	744	7P	7P	Phy's Dept Aurora C	2 3 5 7
Barry	[illegible]	Pike	4	39 41	91 03	640		5P	Wm. G. McNeal	3
Beardstown	[illegible]	Cass	1	40 01	90 26	444		7A	Otto O. Swope	3
Beardstown Lagrange Dam	[illegible]	Brown	1	39 56	90 32	434		MID	Corps of Engineers	3 4
Belleville Scott AF Base	[illegible]	St. Clair	2	38 32	89 51	444	MID	MID	U.S. Air Force	2 3 4 5 7
Belvidere Sewage Plant	[illegible]	Boone	6	42 16	88 52	778		MID	Edgar F. Bruns	3 4
Bentley	[illegible]	Hancock	4	40 20	91 07	671		6P	Roy H. Gibbons	3
Benton	0608	Franklin	4	38 00	88 55	474		6P	Benton Water Dept.	3
Bloomington	0761	McLean	1	40 30	89 01			7A	C. C. Williams	3
Bloomington Normal	0766	McLean	1	40 30	89 00	830	8P	4P	Harry G. Johnson	2 3 5 7
Bluffs	0781	Scott	1	39 45	90 33	467		6P	Hugh Moore	3
Bradford CAA AP	0873	Bureau	1	41 13	89 37	795		MID	U.S.Civil Aero Adm	3 4
Brookport Dam 52	0993	Massac	5	37 08	88 39	335		6A	Corps of Engineers	3
Cairo WB City	1166	Alexander	4	37 00	89 10	314	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Camp Ellis	1230	Fulton	1	40 23	90 20	640		MID	Post Engr Wtr Supt	3 4
Canton	1250	Fulton	1	40 34	90 02	655		6P	Floyd D. Hammond	3
Carbondale Sewage Plant	1265	Jackson	4	37 44	89 12	420	7P	7A	Harold U. Hill	2 3 5 6
Carlinville 4 E	1280	Macoupin	1	39 17	89 49	627	6P	6P	Henry B. Hoelting	2 3 5 7
Carlyle	1288	Clinton	2	38 36	89 22	461	7P	7P	Thomas A. Murphy	2 3 5
Carmi	1296	White	7	38 05	88 10	399		8P	J. A. Rickenbach	3
Carpenter 1 SW	1304	Madison	4	38 53	89 54	520		MID	U.S. Soil Cons. Ser.	3 4
Casey	1329	Clark	7	39 18	88 00	648		6P	Walter A. Newlin	3
Centralia 4 W	1386	Marion	2	38 31	89 12	494		6P	Edgar V. Cavanaugh	3
Chandlerville	1412	Cass	1	40 03	90 09	464		6P	W. D. Upp	3
Channahon Dresden Isld	1420	Grundy	1	41 24	88 17	510		7A	Corps of Engineers	3
Charleston	1436	Coles	7	39 30	88 11	686	6P	6P	William H. Dykes	2 3 5
Chenoa	1475	McLean	1	40 44	88 44	713		MID	Mrs. Susan Jeffers	3
Chester	1491	Randolph	4	37 54	89 50	381		7A	Acklas H. Martin	3
Chicago Cal Treat Wks	1522	Cook	3	41 40	87 36	593		MID	Chgo Sanitary Dist.	3 4
Chicago Heights	1527	Cook	3	41 30	87 38	634		7P	Alfred J. Cooper	2 3 5
Chicago Lakeview Pumping	1532	Cook	3	41 58	87 40	651		MID	Cty Engr Wtr Purif	3 4
Chicago Loyola Univ.	1537	Cook	3	42 00	87 40	592		MID	Chgo Sanitary Dist	3 4
Chicago Mayfair Pmpg Sta	1542	Cook	3	41 58	87 45	647		MID	Cty Engr Wtr Purif	3 4
Chgo N Branch Pump Sta	1547	Cook	3	41 58	87 42	595		MID	Chgo Sanitary Dist.	3 4
Chgo Roseland Pumping	1552	Cook	3	41 42	87 38	659		MID	Cty Engr Wtr Purif	3 4
Chgo San Dist Dispatch	1557	Cook	3	41 50	87 42	602		MID	Chgo Sanitary Dist.	3 4
Chgo San Dist Office	1562	Cook	3	41 52	87 38	898		MID	Chgo Sanitary Dist.	3 4
Chicago S Filter Plant	1564	Cook	3	41 45	87 33			MID	Cty Engr. Wtr Purif	3 4
Chgo Springfld Pumping	1567	Cook	3	41 55	87 44	630		MID	Cty Engr Wtr Purif	3 4
Chicago University	1572	Cook	3	41 47	87 36	594	MID	MID	Univ. of Chicago	2 3 4 5
Chicago WB Airport	1577	Cook	3	41 47	87 44	623	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Chicago WB City	1582	Cook	3	41 53	87 38	823	MID	MID	U.S. Weather Bureau	2 3 4 5
Chillicothe	1627	Peoria	1	40 55	89 29	490		6P	David H. Dugan	3
Cicero	1648	Cook	3	41 51	87 46	608	7P	7P	George D. Lukes	2 3 5
Cisne Brown Camp	1664	Wayne	7	38 31	88 24			MID	Pure Oil Company	3 4
Clinton 1 S	1743	De Witt	1	40 08	88 58	746		6P	C. E. Corrington	3
Collinsville	1825	Madison	4	38 40	89 59	500		MID	Norma E. Evanko	3 4
Coulterville	1944	Randolph	4	38 11	89 36	590		MID	Harley L. Isom	3 4
Crete	2011	Will	3	41 27	87 38	675		MID	Village of Crete	3 4
Danville	2140	Vermilion	7	40 08	87 38	602	7P	7P	E. C. Hewes	2 3 5 7
Danville Hospital	2143	Vermilion	7	40 08	87 39	575		MID	Lakeview Hospital	3 4
Danville Sewage Plant	2145	Vermilion	7	40 08	87 39	555		7A	Ben Burt	3
Decatur	2193	Macon	1	39 51	88 57	682	7P	7P	W. Burk Coonradt	2 3 5 7
Des Plaines 1 NW	2286	Cook	1	42 03	87 55	704		4P	George A. Honemann	3
Diona	2330	Coles	7	39 [illegible]	88 08	660		MID	Maurice L. Reed	3 4
Dixon	2348	Lee	6	41 50	89 29	696	6P	6P	William W. Shuck	2 3 5 7
Douglas	2397	Knox	1	40 47	90 05	650		MID	Willard D. Staggs	3 4
Downs 2 NE	2417	McLean	1	40 25	88 51	794		MID	Ada A. Devine	3 4
Du Quoin	2483	Perry	4	38 01	89 14	468	6P	6P	G. H. Knetzger	2 3 5
Dwight	2497	Livingston	1	41 06	88 25	641		6P	J. Frank Ziegler	3
Dwight St. Reformatory	2502	Livingston	1	41 05	88 28	641		MID	St. Ref. for Women	3 4
East Saint Louis	2614	St. Clair	4	38 37	90 07	413	7P	1A	Union Ele. of Ill.	2 3 5
Edwardsville	2679	Madison	4	38 49	89 58	554		6P	Arthur W. Jaggers	3
Effingham CAA AP	2687	Effingham	7	39 09	88 32	612	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
Elgin	2736	Kane	1	42 02	88 17	729		7P	W. O. Beckner	3
Elizabethtown	2750	Hardin	5	37 27	88 18	357		5P	U.S. Forest Ranger	2 3 5
Elsah	2800	Jersey	4	38 57	90 22	429		5P	The Principia Coll.	3
Evanston Pumping Sta	2888	Cook	3	42 02	87 41	625		MID	Chgo Sanitary Dist.	3 4
Fairbury Water Works	2923	Livingston	1	40 44	88 31	691		MID	Dept. of Wtr Works	3 4
Fairfield	2931	Wayne	7	38 23	88 22	451	6P	6P	H. D. Willard	2 3 5
Farmer City	2993	De Witt	1	40 14	88 38	732		MID	Roy Neal	3 4
Flora	3109	Clay	7	38 40	88 29	490	6P	6P	Clay County Hospital	2 3 5
Freeport	3257	Stephenson	6	42 18	89 37	762	7P	7P	John Schroder	2 3 5
Freeport Sewage Plant	3262	Stephenson	6	42 17	89 36	751		7A	Sewage Treatment Pl.	3 4
Fulton Dam 13	3290	Whiteside	4	41 54	90 09	592	5P	8A	Corps of Engineers	2 3 4 5
Galatia 1 W	3304	Saline	5	37 51	88 37	410		MID	Josephine Harris	3 4
Galena	3312	Jo Daviess	4	42 25	90 26	603		6P	Orrin A. Merrifield	3
Galesburg	3320	Knox	1	40 57	90 22	780	MID	5P	James Barrett	2 3 5
Galva	3335	Henry	1	41 10	90 02	849	6P	6P	Arthur E. Johnson	2 3 5 7
Geneseo	3384	Henry	6	41 27	90 09	639		6P	Mrs. M. J. Bessant	3
Gibson City	3413	Ford	1	40 28	88 23	753		6P	Edward P. Bergstrom	3
Gladstone Dam 18	3455	Henderson	4	40 50	91 04	538		8A	Corps of Engineers	3
Glendale Exp. Farm	3482	Pope	5	37 26	88 41	500		MID	U.S. Soil Cons. Serv	3 4
Golconda Dam 51	3522	Pope	5	37 22	88 29	354	MID	6A	Corps of Engineers	2 3 4 5 7
Golden	3530	Adams	1	40 06	91 01	725		6P	G. W. Nethery	3
Grafton	3572	Jersey	4	38 58	90 26	404		7A	John A. DeSherlia	3
Grand Tower 2 N	3595	Jackson	4	37 40	89 30	367		3P	John A. Dickson	3
Greenfield	3666	Greene	1	39 20	90 12	556		MID	Fred S. Pewter	3 4
Greenup	3683	Cumberland	7	39 15	88 10	554		4P	Ettelbrick Shoe Co.	3
Greenville	3693	Bond	2	38 53	89 24	563	7P	7P	Deane J. McAlister	2 3 5 7
Gridley	3709	McLean	1	40 45	88 53	752		6P	Ezra D. Stoller	3
Griggsville	3717	Pike	1	39 43	90 44	685	6P	6P	Mrs. Ellen B. Harvey	2 3 5
Hardin	3850	Calhoun	1	39 09	90 37	700		6P	A. B. Campbell	3
Harrisburg	3879	Saline	5	37 44	88 32	366	6P	6P	Clyde Pittman	2 3 5 7
Harrisburg Disposal Pl	3884	Saline	5	37 44	88 31			6A	W. Harrison Kibler	3
Havana	3930	Mason	1	40 18	90 03	451	7P	7P	L. L. Euteneuer	2 3 5
Havana No. 2	3940	Mason	1	40 18	90 04	460		7A	Ewald R. Trimpe	3
Henry	4017	Marshall	1	41 07	89 22	491	7P	7P	C. Haddon Perdew	2 3 5 7
Hillsboro	4108	Montgomery	2	39 09	89 29	626	6P	6P	H. A. Cress Jr.	2 3 5
Hoopeston	4198	Vermilion	7	40 28	87 40	717	6P	6P	Charles S. Flexman	2 3 4 5
[illegible] Lk Bloomington	[illegible]	McLean	1	40 40	88 56	740		MID	Ill State Wtr Sur	3 4
Hutsonville	[illegible]	Crawford	7	39 07	87 40			MID	Ed S. Dry	3 4
Hutsonville Pwr Plant	4317	Crawford	7	39 06	87 40			7A	Ill Public Serv Co	3
Illinois City Dam 16	[illegible]	Rock Island	4	41 25	91 01	554		8A	Corps of Engineers	3 4
Jacksonville	[illegible]	Morgan	1	39 44	90 14	607	6P	6P	Norbury Sanatorium	2 3 5
Jacksonville Sewage Pl	[illegible]	Morgan	1	39 44	90 14	575		MID	Municipal Sew Tr	3 4
Jerseyville	4489	Jersey	1	39 07	90 20	635	6P	6P	Edwin M. Porter	2 3 5
Joliet Brandon Rd Dam	[illegible]	Will	1	41 30	88 06	543		7A	Corps of Engineers	3
Joliet WB Airport	[illegible]	Will	1	41 30	88 10	584	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Kankakee	[illegible]	Kankakee	1	41 07	87 52	631	7P	7P	Kankakee Water Co.	2 3 5 7
Kankakee 1 NW	[illegible]	Kankakee	1	41 08	87 56	620	6P	6P	W. A. Durand	2 3 5
Kankakee Sewage Plant	[illegible]	Kankakee	1	41 08	87 53	642		MID	Mun Sewage Trt Pl	3 4
Keithsburg	[illegible]	Mercer	4	41 06	90 57	540		8A	Alfred M. Norris	3
Kewanee	[illegible]	Henry	1	41 14	89 55	853	6P	6P	Cassius C. Conger	2 3 5
Kewanee Baker Park	[illegible]	Henry	1	41 15	89 54	800		MID	Bennett E. Rose	3 4
Kickapoo	[illegible]	Peoria	1	40 47	89 45			9A	Ben Hall	3
La Harpe 1 SW	[illegible]	Hancock	1	40 35	90 58	691	6P	6P	Kent Campbell	2 3 5 7
Lanark	[illegible]	Carroll	4	42 06	89 50	883		MID	William E. Aurand	3 4
La Salle	[illegible]	La Salle	1	41 20	89 06	522	7P	3P	Westclox GTI Corp.	2 3 5
Lawn Ridge	[illegible]	Marshall	1	40 58	89 38	828		MID	Henry H. Lukehart	3 4
Lawrenceville	[illegible]	Lawrence	7	38 44	87 41	472		6P	Frank Bray	3
Leroy	[illegible]	McLean	1	40 21	88 46	780		7P	O. J. Lere	3
[illegible]	[illegible]	Logan	1	40 [illegible]	89 [illegible]	591	7P	7P	John Zurkammer Jr.	2 3 5 7
Lincoln No. 2	5084	Logan	1	40 09	89 21	600		7A	George L. Smith	3
Lockport Lock & Dam	5131	Will	1	41 34	88 05	585		MID	Corps of Engineers	3 4
Lockport Power House	5136	Will	1	41 34	88 05	585		MID	Chgo Sanitary Dist.	3 4
Louisville	5216	Clay	7	38 46	88 30	480		MID	Carl E. Farrell	3 4
Mackinaw	5272	Tazewell	1	40 32	89 21	646		6P	T. L. Haensel	3
Macomb	5280	McDonough	1	40 28	90 40	702		6P	W. S. Newell	3
Marengo	5326	McHenry	6	42 15	88 36	819	6P	6P	Frank J. Mack	2 3 5 7
Marietta	5334	Fulton	1	40 30	90 24	546		MID	Joseph Ace McCance	3 4
Marion	5342	Williamson	4	37 44	88 55	448		5P	C. N. Danielson	3
Maroa	5364	Macon	1	40 02	88 57	725		MID	Nelson R. Smith	3 4
Marseilles Lock	5372	La Salle	1	41 20	88 45	486		7A	Corps of Engineers	3
Marshall	5380	Clark	7	39 23	87 42	606		6P	Anna F. Kannmacher	3
Mascoutah	5405	St. Clair	2	38 29	89 48	425		SS	Dr. Robt. F. Lischer	3
Mason City	5413	Mason	1	40 12	89 42	581		MID	Charles Flinspach	3 4
Mattoon	5430	Coles	7	39 28	88 21	718	MID	MID	Cen Ill Pub Serv Co	2 3 5
McHenry	5493	McHenry	1	42 21	88 16	750		MID	Fred C. Feltz	3 4
McHenry 2 S	5498	McHenry	1	42 19	88 15	742		6P	John J. Barnings	3
McLeansboro	5515	Hamilton	5	38 05	88 32	500	6P	6P	F. G. Frazier	2 3 5
Medora	5539	Macoupin	1	39 10	90 08	622		7P	M. F. Dodge	3
Minonk	5712	Woodford	1	40 54	89 02	751	7P	7P	City of Minonk	2 3 5
Moline WB Airport	5751	Rock Island	6	41 27	90 31	589	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Monmouth Airport	5768	Warren	4	40 55	90 38	770	6P	6P	Martin Airways Inc.	2 3 5 7
Monticello	5791	Piatt	1	40 02	88 34	659		4P	C. H. Wittig	3
Morris	5820	Grundy	1	41 21	88 26			7A	Roy Webb	3
Morris 3 NE	5825	Grundy	1	41 24	88 22	549	6P	6P	Donald M. Pyatt	2 3 5
Morrison	5833	Whiteside	6	41 49	89 58	670	7P	7P	Ralph H. Green	2 3 5
Morrisonville	5841	Christian	1	39 25	89 27	638		MID	Frank A. Lowis	3 4
Morrisonville 1 E	5846	Christian	1	49 25	89 26	638	7P	7P	John R. Lowis	2 3 5 7
Mount Carmel	5888	Wabash	7	38 25	87 46	465	6P	7A	Frank D. Talley	2 3 5 7
Mount Carmel Water Wks.	5893	Wabash	7	38 25	87 45	424		MID	Mt Carmel Wtr Wks	3 4
Mount Carroll	5901	Carroll	4	42 05	89 58	817	7P	7P	James F. McCray	2 3 5
Mount Olive	5917	Macoupin	4	39 04	89 43	681		6P	Henry W. Johnson	3
Mount Pulaski	5927	Logan	1	40 00	89 17	687		5P	Alva Brown	3
Mount Sterling	5935	Brown	1	39 59	90 46	711		7P	F. E. Sahland	3
Mount Vernon	5943	Jefferson	4	38 19	88 54	463	7P	7P	Lawrence Collins	2 3 5 7
Murphysboro Water Works	5983	Jackson	4	37 46	89 19	420		MID	Murphysboro Wtr Co	3 4
Nashville 3 NW	6011	Washington	2	38 23	89 25	505		6P	R. E. Schleifer	3
Newark 7 E	6069	Kendall	1	41 32	88 27	707		6P	Warren S. Gray	3
New Boston Dam 17	6080	Mercer	4	41 11	91 03	548		8A	Corps of Engineers	3
New Boston 2 NW	6085	Mercer	4	41 11	91 01			7A	Morris W. Blair	3
New Burnside	6093	Johnson	5	37 35	88 46	560	7P	7P	Miss Mae McCabe	2 3 5
Newton	6159	Jasper	7	39 00	88 10	513	6P	6P	James W. Wells Jr	2 3 4 5
Olney Radio Station	6446	Richland	7	38 42	88 04	472	5P	5P	Radio Station WVLN	2 3 5 7
Oregon	6490	Ogle	6	42 01	89 20	700		MID	Carnation Company	3 4
Oregon Water Works	6492	Ogle	6	42 01	89 20	702		8A	Alan Grant	3
Ottawa	6526	La Salle	1	41 22	88 50	474	7P	7P	John A. Beed	2 3 5 7
Palestine	6558	Crawford	7	39 00	87 37	514	7P	7P	H. M. Gaddis	2 3 5
Pana	6579	Christian	2	39 23	89 05	696	7P	7P	C. E. Schumacher	2 3 5
Paris Sewage Plant	6605	Edgar	7	39 37	87 41	735		MID	City of Paris	3 4
Paris Water Works	6610	Edgar	7	39 38	87 42	739	7P	7P	City of Paris	2 3 5
Paw Paw	6661	Lee	1	41 41	88 59	928		5P	W. A. Woods	3
Payson	6670	Adams	4	39 49	91 14	640		8P	Edith A. Robbins	3
Peoria Lock & Dam	6706	Peoria	1	40 37	89 39	445		MID	Corps of Engineers	3 4
Peoria WB Airport	6711	Peoria	1	40 40	89 41	654	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Peotone	6725	Will	1	41 20	87 48	722		2P	Miss Mina Cutl	3
Peru	6751	La Salle	1	41 20	89 08			7A	Joseph S. Sikow	3
Petersburg	6760	Menard	1	40 01	89 51	524		4P	Frank B. Rainey	3
Piper City	6819	Ford	1	40 45	88 11	670		MID	Isaac B. Griffith	3 4
Pittsfield Water Works	6833	Pike	4	39 39	90 48	724		MID	Raymond T. Loyd	3 4
Pleasant Hill 2 E	6861	Pike	4	39 27	90 50	540		6P	Lou Galloway	3
Pontiac	6910	Livingston	1	40 53	88 37	647	6P	6P	Roger Williams	2 3 5 7
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		MID	Lewis Tebeau	3 4
Princeton 1 S	6996	Bureau	1	41 21	89 28	700		MID	Miles W. Bryant	3 4
Princeville 2 NW	7004	Peoria	1	40 57	89 47	745		6P	Frank S. Stewart	3
Prophetstown	7014	Whiteside	6	41 40	89 56	625		MID	Ill Northern Ut Co	3 4
Quincy	7067	Adams	4	39 57	91 24	601	7P	7P	A. H. Gibson	2 3 5
Quincy CAA AP	7072	Adams	4	39 56	91 11	670	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Quincy Dam 21	7077	Adams	4	39 54	91 26	483		8A	Corps of Engineers	3 4
Quincy Memorial Bridge	7082	Adams	4	39 56	91 24			7A	Melvin Brinkoetter	3
Rantoul Chanute AF Base	7150	Champaign	7	40 18	88 09	744	MID	MID	U.S. Air Force	2 3 4 5 7
Red Bud	7157	Randolph	2	38 13	90 00	444		5P	Dr. H. Le Saulnier	3
Richview	7244	Washington	2	38 22	89 11	544		MID	Mrs. Mabel F. Martin	3 4
Roberts 3 N	7336	Ford	7	40 40	88 11	786	7P	7P	R. E. Bradbury	2 3 5 7
Rochelle	7349	Ogle	6	41 55	89 04	798		3P	California Pkg Corp	3
Rockford	7375	Winnebago	6	42 15	89 05	720	6P	6P	F. W. Knowlton	2 3 5
Rockford CAA AP	7380	Winnebago	6	42 21	89 03	743	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Rock Island Dam 15	7388	Rock Island	4	41 31	90 34	568		8A	Corps of Engineers	3
Rockport	7400	Pike	4	39 32	91 00	470		6P	Harry Williams	3
Rushville	7551	Schuyler	1	40 07	90 34	683	6P	6P	Gain Bros. Greenhse	2 3 5
Ste Marie	7603	Jasper	7	38 56	88 01	448		7A	Judson E. Cameron	3
Salem	7636	Marion	2	38 37	88 57	544		5P	Frank G. Brown	3
Shawneetown New Town	7859	Gallatin	5	37 43	88 10	350		6A	Jake H. Stewart	3
Sidell	7952	Vermilion	7	39 55	87 49			7A	Gary Lane	3
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		MID	Chgo Sanitary Dist.	3 4
Sparta	8174	Randolph	4	38 08	89 42	538	6P	6P	Howe V. Morgan	2 3 5 7
Springfield WB Airport	8179	Sangamon	1	39 50	89 40	587	MID	MID	U.S. Weather Bureau	2 3 4 5 6 7
Springfield WB City	8184	Sangamon	1	39 48	89 39	598	MID	MID	U.S. Weather Bureau	2 3 4 5
Stickney W S Treat Wks	8278	Cook	1	41 49	87 46	636		MID	Chgo Sanitary Dist.	3 4
Stockton	8293	Jo Daviess	4	42 21	90 00	1000	5P	5P	E. A. Curtiss	2 3 5 7
Streator	8353	La Salle	1	41 07	88 50	625		7P	H. W. Prafcke	3
Sullivan Water Works	8389	Moultrie	2	39 34	88 37	686		MID	A. B. Fultz	3 4
Sycamore	8452	De Kalb	6	41 59	88 41	840	8P	8P	Frank C. Dean	2 3 5 7
Table Grove	8460	Fulton	1	40 22	90 26	734	7P	7P	C. A. Hammond	2 3 5 7
Taylorville	8491	Christian	1	39 33	89 18	634		6P	John W. Coale	3
Tiskilwa	8604	Bureau	1	41 18	89 30	512		6P	Orville L. Weaver	3
Toulon	8630	Stark	1	41 06	89 52	752		5P	Ernest R. Robson	3
Tuscola	8684	Douglas	7	39 48	88 17	653	6P	6P	Perry Stackhouse	2 3 5 7
Urbana	8740	Champaign	7	40 08	88 13	743	7P	7P	State Water Survey	2 3 5
Urbana Exp. Farm	8745	Champaign	7	40 06	88 15			MID	U.S. Soil Cons Serv	3 4
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730		7A	State Water Survey	3 6
Utica Starved Rock Dam	8756	La Salle	1	41 19	88 59	464		7A	Corps of Engineers	3
Vandalia	8781	Fayette	2	38 58	89 07	503		9A	Ernest E. Bricker	3 4
Virden	8860	Macoupin	1	39 30	89 46	674	6P	6P	E. M. Watkins	2 3 5
Walnut	8916	Bureau	6	41 33	89 35	714	6P	6P	Carl F. Nelick	2 3 5
Warsaw	8976	Hancock	4	40 21	91 26	490		5P	Charles Ewing	3
Washington	8990	Tazewell	1	40 42	89 25	740		MID	Mrs. J. J. Longley	3 4
Waterloo	9002	Monroe	4	38 20	90 09	717		4P	E. H. Wolf	3
Waterman	9010	De Kalb	1	41 46	88 46	779		[illegible]	Wm. Ray Clarke	3 4
Watseka	9021	Iroquois	1	40 46	87 44	634	7P	7P	Benjamin Jordan	2 3 5
Waukegan	9029	Lake	3	42 21	87 51	668	7P	7P	R. W. Flagg	2 3 5
Wayne City	9040	Wayne	7	38 21	98 35	385		7A	Paul F. Nichols	3
Wenona	9090	Marshall	1	41 03	89 03	700		MID	Leonard H. Foley	3 4
West Frankfort 8 E	9140	Franklin	4	37 54	88 48	480		MID	Ill State Wtr Surv	3 4
Wheaton College	9221	Du Page	1	41 52	88 06	753		6P	Wheaton College	2 3 5
White Hall 1 E	9241	Greene	1	39 26	90 23	578	5P	5P	Oscar Watt	2 3 5 7
Wilcox	9274	Clay	7	38 38	88 18			7A	E. Lowell Routt	3
Windsor	9354	Shelby	[illegible]	39 26	88 36	685	6P	6P	Mrs. Herbert Rose	2 3 5

NEW STATIONS

Station	Index No	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp	Observation time Precip.	Observer	Refer to tables
Rockford 4 NE	7377	Winnebago	6	42 17	88 59	850		7A	Mrs. D. S. Cummings	3 6

‡ Drainage code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the postoffice. Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin. Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown. Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time. Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830.

- \- No record in Tables 3, 4, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- Z Hourly amounts from a recording gage at the same site may be found in Table 4.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo., -- 8-31-50 -- 1175

CORRECTIONS

April 1950, Table 2, Springfield WB AP, total precipitation should be 2.81, departure -.70, and number of days with .01 or more 12.

Table 3, Springfield WB AP, delete .22 on 1st and change total to 2.81.

Table 3, Ste. Marie, on 29th should be .71 and total 4.55.


STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage Non-recording:
Recording, Both types
Double circle combinations. Complete Meteorological.
ILLINOIS
STATUTE MILES
0 0 0 20 30 40
CHICAGO
STATUTE MILES
1 0 1 2 3 4 5
Galena
Stockton
Freeport
Freeport Swg Pl
Rockford CAA AP
Rockford
Rockford 4NE
Belvidere Swg Pl
Marengo
Mc Henry
Mc Henry 2S
Antioch
Waukegan
Lanark
Mount Carroll
Oregon Wtr Wks
Oregon
Rochelle
Sycamore
Elgin
Des Plaines 1NW
Chicago WB City
Cicero
Wheaton Col.
Chicago Univ
Pulton Dam
Morrison
Dixon
Aurora Col.
Paw Paw
Waterman
Chicago WB AP
Prophetstown
Lockport L&D
Lockport PH
Joliet WB AP
Rock Is Dam
Walnut
Chicago Hts
Geneseo
Newark 7E
Joliet Brandon Rd L&D
Illinois City Dam
Moline WB AP
Princeton 1S
Peru
Ottawa
Morris 3NE
Channahon Dresden IS.
Morris
Peotone
Annawan
Tiskilwa 2E
Kewanee Baker Pk
Kewanee
La Salle
Utica
Starved Rock Dam
Marseilles Lock
New Boston Dam
Aledo
Bradford CAA Fld
Streator
Kankakee 4NW
Kankakee SWG Pl
New Boston 2NW
Keithsburg
Galva
Toulon
Henry
Lawn Ridge
Wenona
Dwight St. Reform
Dwight
Kankakee
Alexis Wtr Wks
Galesburg
Princeville 2NW
Chillicothe
Minonk
Pontiac
Monmouth
Gladstone Dam
Douglas
Kickapoo
Peoria WB AP
Washington
Gridley
Chenoa
Fairbury Wtr Wks
Piper City
Watseka
Peoria L&D
Hudson Lake
Roberts 3N
La Harpe 1SW
Macomb
Marietta
Canton
Mackinaw
Bloomington Normal
Gibson City
Hoopeston
Bentley
Warsaw
Table Grove
Havana
Havana 2
Downs 2NE
Le Roy
Augusta Hi Sch
Mason City
Farmer City
Rantoul Chanute AF
Danville Hosp
Danville
Rushville
Lincoln 2
Lincoln
Clinton 1S
Urbana
Urbana Exp Farm
Monticello
Golden
Chandlerville
Beardstown
Petersburg
Mt Pulaski
Danville Swg Pl
Mt Sterling
Maroa
Urbana Eng Campus
Quincy
Quincy Mem Br
Quincy CAA AP
Beardstown Dam
Springfield WB AP
Sidell
Quincy Dam
Payson
Griggsville
Jacksonville Swg Pl
Springfield WB City
Decatur
Tuscola
Barry
Bluffs
Jacksonville
Paris Wtr Wks
Pittsfield Wtr Wks
Sullivan Wtr Wks
Paris Swg Pl
Rockport
Taylorville
Charleston
Pleasant Hill 2E
Mattoon
Virden
Morrisonville 1E
Pana
Windsor
Diona
Marshall
White Hall 1E
Morrisonville
Greenfield
Carlinville 4E
Greenup
Casey
Hillsboro
Hardin
Medora
Effingham CAA AP
Hutsonville
Jerseyville
Grafton
Mt Olive
Newton
Hutsonville Pwr Pl
Palestine
Elsah
Alton Dam
Carpenter 1SW
Vandalia
Ste Marie
Greenville
Louisville
Olney
Lawrenceville
Edwardsville
Collinsville
Flora
Wilcox
East St Louis
Belleville Scott AF
Carlyle
Salem
Centralia 4W
Cisne Brown Camp
Mt Carmel Wtr Wks
Mascoutah
Nashville 3NW
Fairfield
Mt Carmel
Richview
Albion
Waterloo
Mt Vernon
Wayne City
Red Bud
Coulterville
McLeansboro
Carmi
Sparta
Prairie Du Rocher
Du Quoin
Benton
Chester
West Frankfort 8E
Galatia 1W
Murphysboro Wtr Wks
Marion
Harrisburg
Carbondale Swg Pl
Harrisburg 4E
Shawneetown New
Grand Tower 2n
New Burnside
Elizabethtown
Glendale Exp Fm
Anna 1NW
Golconda Dam
Grand Chain Dam
Cairo WB City
Brookport Dam
Des Plaines 1NW
Evanston Pump Sta
Skokie No Side
Loyola Univ
Lakeview Pump Sta
Mayfair Pump Sta
No Branch Pump Sta
Springfld Pump Sta
Chicago WB City
Cicero
Sanitary Dist Off
Stickney W. Side
Sanitary Dispat
Chicago Uni
Chicago WB AP
So. Filter Pl
Roseland Pump Sta
Calumet Treat Wks
Chicago Hts
N.O.C 6/50

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CLIMATOLOGICAL DATA

ILLINOIS

JULY 1950
Volume LV No. 7

KANSAS CITY: 1950

ILLINOIS - JULY, 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

The month was quite cool with temperatures averaging lower than in any July since 1924. As in the preceding month, rainfall amounts were heavier than usual in most northern and central areas, but somewhat below average over much of the southern third of the State. July's precipitation averaged 3.98 inches, which is 0.75 inch above normal; individual station totals varied from 8.34 inches at Douglas to 0.47 inch at Grafton. The mean temperature for July was 72.9°, or 3.5° below normal. Monthly average temperatures ranged from 77.0° at Cairo to 68.8° at Freeport. The month's highest temperature of 98°, registered at Alton on the 12th, was the lowest July maximum in 61 years of State-wide records.

The first 9 days of July were cool, except for a brief warming around the 2d. Frequent showers occurred between the 1st and 5th. Many central localities received heavy rainfall on the 2d and 3d, while some extreme southern stations recorded substantial amounts on the 4th. A week of dry weather began after the 5th. On the 1st hail damaged crops and orchards in the vicinity of Payson, Adams County, and on the 2d lightning destroyed a barn in the same area.

Temperatures were above normal between the 10th and 12th, most stations registering their highest readings of the month during this period. A very cool air mass moved into the State on the 13th, and temperatures dropped to the 40's over much of the northern and central portions by the morning of the 14th. A minimum of 43°, lowest of the month, was registered at Marengo on the 14th. Temperatures again rose to seasonable levels by the 16th. Showers covered most of Illinois on the 12th or 13th. The principal period of precipitation during July began on the 16th and continued through the 20th, with frequent and often heavy showers. On the evening of the 16th a small tornado struck a rural area north of Dwight, damaging two barns, deroofing a house, and downing a windmill. A barn was destroyed by lightning near Aledo on the 17th. High winds on the 19th caused minor property damage in several localities.

One of the coolest periods of the month began on the 20th, when afternoon temperatures remained under 70° in most northern and central sections. Somewhat warmer weather prevailed after the 21st, but temperatures generally remained below normal until the last few days of the month. Showers were common in the south on the 23d, and most of the State received rain on the 25-26th and 30-31st. On the 31st a woman was killed by lightning near Old DuQuoin. At East Dubuque on the same date a man and two women lost their lives when their automobile was overturned by a flash flood.

Despite July's cool weather crops showed normal development, although somewhat behind that of last year. Corn averaged a little over 5 feet in height at the end of the month and over half of the crop was in tassel. Soybeans generally showed good color and stands. The winter wheat harvest was practically completed during July with yields a little above average and of good quality. Although seeded late, the oat crop did not suffer heat damage and reached maturity in better condition than previously expected; about three-fourths of the oats had been harvested by the end of July. The hay crop was well above average and pastures were in fine condition, except in some of the drier southern areas.--GRJ

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
Cairo WB City	-	-	6.8	27	SW	19	-	-	-	-	2	2	9	0	2	0	15	72	7.6	
Chicago WB AP	SSW	12	7.1	26	NW	24	78	78	48	53	4	2	4	1	2	1	14	74	5.7	
Joliet WB AP	S	15	7.0	-	-	-	87	86	51	61	3	3	6	0	1	1	14	-	5.4	See Table 2
Moline WB AP	S	11	6.3	35	SW	31	85	85	52	56	0	4	5	2	1	0	12	69	5.5	
Peoria WB AP	S	13	8.1	38	NW	1	78	83	53	58	6	3	1	1	1	1	13	73	6.0	
Springfield WB AP	S	10	7.4	43	NW	19	83	88	57	59	6	3	5	1	0	1	16	68	6.1	

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	75.5	106	42	2.02	. .	5	1913	78.5	108	41	2.09	. .	6	1936	83.5	115	44	1.22	. .	5
1891	70.7	102	45	2.19	. .	7	1914	79.2	109	42	1.51	. .	5	1937	75.7	100	43	3.18	. .	7
1892	74.4	107	45	3.79	. .	9	1915	73.0	101	41	6.73	. .	14	1938	77.1	103	50	4.74	. .	9
1893	77.8	105	48	2.00	. .	5	1916	80.9	108	50	1.23	. .	3	1939	76.7	104	48	3.37	. .	7
1894	76.3	106	41	1.51	. .	4	1917	75.2	103	44	2.85	. .	[illegible]	1940	76.9	107	41	1.53	. .	4
1895	73.[illegible]	105	41	5.37	. .	[illegible]	1918	73.9	105	42	2.39	. .	6	1941	77.[illegible]	105	44	2.74	. .	6
1896	75.5	106	39	6.44	. .	[illegible]	1919	78.8	104	48	1.93	. .	5	1942	76.[illegible]	101	44	[illegible].89	. .	10
1897	77.4	104	48	[illegible].51	. .	8	1920	74.6	101	45	2.47	. .	7	1943	77.5	102	45	3.00	. .	7
1898	75.8	102	41	[illegible].93	. .	7	1921	80.7	105	47	1.83	. .	5	1944	76.2	105	43	1.83	. .	6
1899	75.5	101	40	3.57	. .	8	1922	75.2	102	41	3.68	. .	8	1945	73.8	104	41	1.45	. .	[illegible]
1900	75.4	99	41	[illegible].27	. .	[illegible]	1923	77.1	107	47	2.16	. .	6	1946	76.3	104	[illegible]9	2.41	. .	6
1901	[illegible]2.2	115	40	[illegible].31	. .	[illegible]	1924	72.0	101	41	[illegible].30	. .	9	1947	73.0	104	41	1.[illegible]	. .	6
1902	76.2	104	44	[illegible].60	. .	10	1925	76.0	105	44	2.99	. .	[illegible]	1948	75.9	100	44	[illegible].45	. .	10
1903	75.[illegible]	102	40	[illegible].71	. .	7	1926	76.8	107	44	3.52	. .	7	1949	78.6	103	50	4.40	0	10
1904	73.2	104	35	[illegible].71	. .	9	1927	74.5	100	44	3.30	. .	8	1950	72.9	98	43	3.98	T	8
1905	73.2	99	45	5.00	. .	11	1928	76.3	99	44	3.58	. .	8							
1906	74.[illegible]	100	43	[illegible].39	. .	7	1929	76.2	100	44	4.69	. .	10							
1907	75.9	103	40	5.70	. .	12	1930	79.1	112	41	1.01	. .	5							
1908	75.6	100	45	3.44	. .	8	1931	79.3	108	46	2.97	. .	6	PERIOD	76.4			3.24	T	
1909	73.5	102	40	[illegible].77	. .	8	1932	77.6	105	46	3.32	. .	7							
1910	76.3	104	40	4.15	. .	9	1933	78.1	107	49	2.41	. .	5							
1911	76.[illegible]	108	41	2.25	. .	7	1934	81.7	114	44	3.24	. .	8							
1912	75.9	100	43	4.28	. .	9	1935	79.1	104	51	3.36	. .	[illegible]							

CLIMATOLOGICAL DATA

Table 2

Station	Temperature							No. of days		Precipitation				Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	25 or more	1.00 or more
NORTHERN DIVISION																			
Aledo	71.8	- 4.0	89	11+	50	14	2	0	0	4.38	.94	2.30	19	.0	0		9	3	2
Antioch	69.2 [illegible]	- 4.0	88	12	49	21	13	0	[illegible]	5.29	2.16	1.57	19	.0	[illegible]		10	5	2
Aurora College	70.3	- 3.2	90	12	45	1	6	1	0	3.04	.02	1.62	17	.0	0		9	3	1
Chicago Heights	70.9 [illegible]		92	12				2	[illegible]	4.57	1.59	2.23	17	.0	0		[illegible]	6	1
Chicago University	71.5	- 1.0	90	12	54	1	2	1	0	6.64	3.31	2.59	16	.0	0		9	5	[illegible]
Chicago WB AP	72.3	- .4	93	12	51	1	3	4	0	6.78	3.35	2.48	16	.0	0		10	6	3
Chicago WB City	73.4	- .5	92	12	57	1+	3	3	0	5.48	2.05	2.63	16	.0	0		10	5	2
Cicero	72.4	- 2.4	93	12	50	1	0	4	0	5.50	2.47	2.76	17	.0	0		9	4	2
Dixon	70.1	- 4.4	90	12	46	14	4	1	0	3.79	.08	1.56	19	.0	0		[illegible]	4	1
Freeport	68.8	- 4.5	89	30	44	14	18	0	0	5.49	1.59	1.56	30	.0	0		11	4	3
Fulton Dam 13	71.4	- 3.2	87	11+	50	14	1	0	0	4.49	1.09	1.71	19	.0	0		8	5	[illegible]
Galesburg	73.1		92	12	50	14	3	2	[illegible]	6.27	2.58	3.86	[illegible]7	.0	0		7	4	2
Galva	72.0	- 3.7	90	12+	48	14	1	[illegible]	[illegible]	3.21	- .33	1.39	17	.0	0		8	[illegible]	1
Henry	73.0	- 3.2	91	12	49	14	0	2	[illegible]	4.48	1.47	3.03	17	.0	[illegible]		5	4	1
Joliet WB AP	70.8	- 3.2	93	12	47	1	4	3	0	5.57	2.58	2.53	16	.0	0		11	4	2
Kankakee	71.8	- 3.2	90	12	50	1	0	1	0	3.33	.12	2.01	17	.0	0		5	3	1
Kankakee 4 W	70.5		90	12	47	1	3	1	0	2.91	- .27	1.47	17	.0	0		6	3	1
Kewanee	72.1	- 3.4	91	12	48	1+	4	2	0	3.26	- .16	1.50	17	.0	0		6	4	1
La Salle	72.8	- 3.3	94	12	47	14	1	8	0	4.45	1.49	2.11	17	.0	[illegible]		8	4	[illegible]
Marengo	69.4	- 3.8	90	10+	43	14+	14	2	0	3.96	.87	1.16	31	.0	0		10	5	1

See reference notes following Station Index.

Station	Temperature							No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground at obsn	Snow, Sleet, Hail: Date	01 or more	25 or more	1.00 or more
Minonk	72.7	- 2.8	93	12	51	14	0	3	0	5.50	2.52	3.40	17	.0	0		7	3	2
Moline WB AP	71.1	- 2.4	90	12+	49	14	3	2	0	4.41	1.08	1.30	19	.0	0		12	5	1
Monmouth Airport	70.0	- 5.9	90	12	49	1+	2	1	0	6.59	2.83	3.35	17	.0	0		7	4	3
Morris 3 NE	71.4	- 3.7	92	12	47	1	6	2	0	5.52	2.69	4.50	17	.0	0		6	3	1
Morrison	71.7	- 3.0	92	11	48	14	2	4	0	4.22	.58	2.69	19	.0	0		9	3	1
Mount Carroll	69.6	- 3.9	89	30	44	14	6	0	0	4.08	.61	2.02	19	T	0		9	3	2
Ottawa	73.5	- 2.4	93	28	50	14	0	5	0	3.68	.63	2.76	17	.0	0		8	1	1
Pontiac	71.4	- 5.5	89	12	49	14	1	0	0	5.57	2.75	4.26	17	.0	0		8	3	1
Rockford	71.1	- 3.1	92	12	47	14	6	6	0	6.19	2.73	1.92	19	T	0		8	2	2
Rockford CAA AP	69.8	- 3.1	91	12	45	14	12	3	0	6.10	2.66	2.02	19	.0	0		10	5	3
Stockton	69.0		89	10+	46	14	12	0	0	6.61	2.70	1.80	31	T	0		10	5	3
Sycamore	70.1	- 3.3	91	12	45	14	8	2	0	2.04	- 1.04	1.01	16	.0	0		8	3	1
Walnut	72.5	- 3.4	92	12	49	14	0	5	0	2.09	- 1.28	.93	19	.0	0		7	2	0
Waukegan	69.0	- 2.7	90	12+	46	1+	17	2	0	2.78	- .20	.67	20	.0	0		14	4	0
Wheaton College	70.4 M		92	12	47	14	9		0	3.43	.38	1.88	17	.0	0		7	4	1
DIVISION	71.2	- 3.2								4.62	1.48			T					
CENTRAL DIVISION																			
Bloomington Normal	73.1	- 3.4	92	12+	50	14	0	2	0	3.37	.30	1.38	17	.0	0		8	3	1
Carlinville 4 E	72.5	- 5.2	92	12	45	14	2	2	0	2.86	- .60	1.05	19	.0	0		7	5	1
Charleston	73.3 M	- 3.9	90	11+	49	14			0	4.65	1.04	2.80	3	.0	0		7		1
Danville	72.6	- 2.5	92	12	48	1+	1	6	0	5.40	2.25	1.82	17	.0	0		10	6	2
Decatur	73.1	- 4.1	92	12	50	14	0	4	0	5.08	1.83	1.59	3	T	0		12	5	2
Effingham CAA AP	71.7	- 4.6	89	12	48	14	2	0	0	5.42	2.19	2.68	3	.0	0		9	6	1
Griggsville	72.3	- 5.8	95	12	51	20	1	4	0	3.58	.57	1.78	3	.0	0		7	4	1
Havana	73.3	- 4.1	93	12	50	14	0	3	0	3.66	- .07	1.15	17	.0	0		13	4	1
Hillsboro	72.6	- 5.2	91	12	49	14	0	1	0	3.00	- .01	.70	19	.0	0		10	5	0
Hoopeston	72.2	- 3.5	90	11+	48	7+	1	2	0	3.45	- .15	1.69	17	.0	0		10	4	1
Jacksonville	73.1	- 3.8	94	12	48	14	0	3	0	4.62	1.62	1.80	3	.0	0		8	5	1
Jerseyville	75.6 M	- 2.6	95	12+	53	14	0	8	0	.98	- 2.13	.58	19	.0	0		5	1	0
La Harpe 1 SW	72.0 M	- 4.2	90	12	47	14	1	1	0	4.06	.44	1.01	17	.0	0		10	5	1
Lincoln	73.4	- 3.1	92	12	49	14	0	5	0	2.29	- .83	.49	3	.0	0		13	4	0
Mattoon	72.5		89	12	50	14	2	0	0	5.73	2.23	2.85	3	.0	0		11	5	1
Morrisonville 1 E	73.1	- 3.5	90	12	56	1	0	1	0	3.17	.06	1.02	26	.0	0		8	5	1
Newton	73.5	- 2.5	92	12+	46	14	0	6	0	1.93	- 1.33	.60	31	.0	0		9	3	0
Palestine	74.0	- 4.0	93	12	48	14	0	7	0	2.33	- 1.10	.83	23	.0	0		7	3	0
Pana	74.4	- 3.0	94	30	51	14	0	6	0	3.47	.35	1.10	3	.0	0		9	4	1
Paris Water Works	72.8	- 3.7	90	12	49	14	0	1	0	5.22	1.92	1.30	2	.0	0		7	3	3
Peoria WB AP	72.4	- 2.8	92	12	50	14	2	1	0	4.13	.55	2.12	17	.0	0		7	3	2
Quincy	74.3	- 4.1	97	12	52	14	0	5	0	5.28	2.05	1.53	30	.0	0		7	5	3
Quincy CAA AP	71.4		92	12	47	14	3	1	0	5.35	2.13	1.66	16	.0	0		9	5	3
Rantoul Chanute AF Base //	73.1		91	12	52	14	1	2	0	6.50	3.21	2.39	2	.0	0		10	4	3
Roberts 3 N	71.8	- 3.5	91	12	47	14	2	1	0	2.60	- .52	1.30	17	.0	0		5	2	1
Rushville	73.3	- 3.9	92	12+	51	14	0	5	0	4.43	1.27	1.10	17	.0	0		8	6	3
Springfield WB AP	72.4	- 1.6	90	12	50	14	2	1	0	5.63	2.77	3.48	3	.0	0		10	4	1
Springfield WB City	75.0	- 1.5	94	12	59	1+	0	3	0	4.58	1.72	2.28	3	.0	0		10	7	1
Table Grove	72.8	- 4.2	92	12	53	14	0	3	0	4.87	1.15	1.61	17	.0	0		10	4	2
Tuscola	73.4		90	12	50	7+	0	1	0	4.67	1.40	1.62	13	.0	0		9	5	2
Urbana	73.0	- 2.7	90	12	50	14	1	1	0	5.09	1.98	3.24	17	.0	0		9	4	1
Virden	72.9		92	12	49	14	1	1	0	2.73	- .32	.91	19	.0	0		10	4	0
Watseka	72.2		91	12	48	1	0	2	0	3.17	- .11	1.61	17	T	0		7	3	1
White Hall 1 E	73.5	- 4.0	94	12	46	14	1	7	0	2.18	- 1.03	.68	26	.0	0		7	4	0
Windsor	72.6 M	- 4.0					1		0	6.34	2.94	4.25	3	.0	0		9	5	1
DIVISION	73.0	- 3.7								4.05	.74			T					
SOUTHERN DIVISION																			
Alton Dam 26	75.6		98	12	52	14	0	12	0	2.26	- .80	.55	4	.0	0		6	5	0
Anna 1 NW	74.3	- 5.0	92	12	53	14	0	4	0	2.89	- .53	.95	31	.0	0		6	4	0
Belleville Scott AF Base //	75.4		92	11+	53	14	0	4	0	1.21	- 1.97	.48	26	.0	0		7	2	0
Cairo WB City	77.0	- 3.6	93	2	61	14	0	2	0	5.43	2.36	1.76	4	.0	0		13	6	2
Carbondale Sewage	74.4	- 5.0	91	31	50	14	0	5	0	2.69	- .90	.88	3	.0	0		8	3	0
Carlyle	74.3	- 3.7	92	12	51	14	0	4	0	4.13	.91	2.61	31	.0	0		8	3	1
Du Quoin	74.8	- 4.3	93	11	54	14+	0	10	0	.90	- 2.69	.32	31	.0	0		6	2	0
East St. Louis	76.5	- 4.1	94	12	52	14	0	13	0	1.46	- 1.58	.44	26	.0	0		6	2	0
Elizabethtown	74.7 M		90	11+			0	2	0	5.45	2.15	2.09	4	.0	0		10	7	2
Flora	74.8	- 3.2	92	12	51	14	0	8	0	2.45	- .83	.70	4	.0	0		9		0
Golconda Dam 51	74.4	- 4.8	90	19	57	14	0	1	0	5.73	2.54	3.35	4	.0	0		10	6	1
Greenville			89	12				0	0	3.33	.26	1.05	26	.0	0		9	5	1
Harrisburg	74.9	- 4.7	92	31	50	14	0	10	0	4.83	1.22	1.22	31	.0	0		9	6	1
Mc Leansboro	75.4	- 3.6	91	11+	52	14	0	8	0	1.91	- 1.21	.40	26	.0	0		8	4	0
Mt Carmel								0	0	2.62	- .62	.57	5+	.0	0		8	6	0
Mt. Vernon	76.0	- 2.9	94	11	53	14	0	9	0	3.14	.26	1.11	4	.0	0		7	4	1
New Burnside	73.0	- 5.5	90	11	48	14	0	1	0	3.41	.11	1.43	31	.0	0		6	5	1
Olney Radio Sta.	74.1	- 4.0	92	12	48	14	0	4	0	1.58	- 1.71	.68	3	.0	0		4	2	0
Sparta	75.2	- 4.0	94	12	51	14	0	12	0	1.74	- 1.52	.65	4+	.0	0		6	2	0
DIVISION	75.0	- 3.6								3.01	- .19			.0					
STATE	72.9	- 3.5								3.98	.75			T					

See reference notes following Station Index.

DAILY PRECIPITATION

Station			Day of month																													Total
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion			.14			.23													.27	.92	.09											.07	.29	3.35
Aledo				.07	.02		.05							.25	.20			.06	1.40		2.30	.03				.25	.61		.48				T	4.38
Alexis Water Wks	R				.10									.17				.50	2.70	1.92	.21	.02										.30	.17	6.09
Alton Dam 26				T		.55									.51				.09	.48	.28		T					.35	T					2.26
Anna 1 NW						.24													.50	.73												.95	2.89
Antioch				43			T								T			1.25	.13	.16	1.57	.50				.20			.83		.14	.08	5.29
Augusta High Sch	P		1.07		.81									*	*	*	*	*	*	2.16	1.28										.99		6.31
Aurora College				.01	.02		T								.20			.65	1.62		.10	.33						.02				.09	3.04
Barry			.05		.46	.90												.50	.56		1.03							.14	T	T		.05	3.69
Beardstown				.69	1.91	.20		.01							T				.37	.92	.35	.15						.02				.67	5.29
Beardstown Lgrng	R		.63	.53	1.22										.04			.22	.94	.03	.57		.05									.14	4.37
Belleville Scott AF			.09		.18	T									T			.11	.27		.04	T	T				T	.48				.04	1.21
Belleville Scott AF	R		.09		*	.18									.22				.27		.04							.48				.08	1.47
Belvidere Sewage Pl	R		.03	.02	.05		.05							.29	.03			1.52			1.33	.25				.55					1.20		5.32
Bentley			.39	.06	.58		T								T			.23	.85		1.37	T					.08				.12	3.68
Benton			.10			.42													.10	.20	.05				.10			.65				1.34	2.96
Bloomington			.04			.28									.34				.96	.61	.19	.91				.04				.21			3.58
Bloomington Normal					.23										.24			.50	1.38		.96	.01				.02			.03			T	3.37
Bluffs			.21		1.05	2.55												.14	.57		.77	T					T	.24					5.53
Bradford CAA AP		6	.33	.01	.03	.53	.06							.33	.01			1.01	.79	.12	.61	.04						.08	T			T	3.42
Brookport Dam 52			.01			.53	.69								.12	T			.46	.41	.02	.19	.20		.12	.66		1.47	T			.10	4.98
Cairo WB City					.24	1.76								.22	T			.49	.41	.12	.25	.24		T	1.08		.42	.03			.14	.03	5.43
Cairo WB City	R				.24	1.76								.22				.49	.41	.12	.25	.24			1.08		.42	.03			.14	.03	5.43
Canton					.52	.02								.04				1.44	1.67	T	.81	T					T						4.50
Carbondale Sewage				T	.88													.22	.63	.08	T				.03		.17				.01	.67	2.69
Carlinville 4 E			.43	T	.35	T									.33			.04	.09		1.05						T	.57					2.86
Carlyle			.02			.50													.09		.03				.03	.05		.80				2.61	4.13
Carmi			.02		T	3.02													.11	.47	T				.07			.69				.35	4.73
Carpenter 1 SW	R			.05	.65													.35	.24		.42							.35					2.06
Casey			.20		3.05										.07				.65		.60							.10		.01		.03	.60	5.31
Centralia 4 W			.20			.73												.04	.20	T	.03				T			.60				1.52	3.32
Chandlerville			.65	.35	1.15	.20	T								T			1.00	.93		.93	T			.15							.12	5.48
Channahon Dresden				.06		.09		T							.39				3.29	1.15	.04	.55	T										5.57
Charleston				.25	2.80									*	.33				.65		.26									.36			4.65
Chenoa			.03		.03		T								.19			1.07	2.86	.34	.59	.01										T	5.12
Chester			.05		.04	.12									T				T	.45	T	T			.01			.13					.80
Chicago Cal T Wks	R				.02									.07	.35			1.34	.84	.01	1.13	.50						.18				.28	4.72
Chicago Heights					.27	.03	T								.27			T	2.23	T	.91	.34						.03				.49	4.57
Chicago Lakeview P	R		.02	.01			.03							.04	.02			2.58	1.47	.01	.72	.08										.64	5.63
Chicago Loyola Univ	R		.02				.04							.02	.04			1.23	1.16		.39	.13							.12		.03	1.16	4.34
Chicago Mayfair P S	R		.03				.03											1.72	1.77		1.31	.13	.01								.02	.39	5.41
Chicago N Branch P	R		.03				.03							.01	.04			1.18	1.19	.01	.56	.22							.01			.49	3.77
Chicago Roseland P	R				.04										.40			1.98	.88	.01	1.09	.73						.27			.06	.36	5.82
Chicago San D D	R				.01		.01							.07	.34			2.58	1.00		.25	.11						2.39				1.34	8.10
Chicago San D Of.	R													.06	.48			4.57	.64		.20	.15						.02				1.11	7.43
Chicago S Filter P	R				.03									.02	.44			1.69	.76		1.08	.76						.01				.95	5.74
Chicago Springfield	R		.02				.01							.11	.03			2.09	1.72	.01	.36	.16						.32			.03	.84	5.70
Chicago Univ			T	T	.03		T							.23	.60			2.59	1.16	T	.78	.10					.22	T				.93	6.64
Chicago Univ	R				.03									.23	.60			2.59	1.16		.78	.10						.22				.93	6.64
Chicago WB AP			T	T	.01		T							.08	.36			2.48	1.04	T	.33	.11					.10	1.27				.97	6.78
Chicago WB AP	R				.01									.08	.36			2.48	1.04		.33	.14					.10	1.27				.97	6.78
Chicago WB City			.01	T	T		.01							.06	.34			2.63	.91	T	.28	.22						.02	T		T	1.00	5.48
Chicago WB City	R		.01				.01							.06	.34			2.63	.91		.28	.22						.02				1.00	5.48
Chillicothe					.20		.04								.17			.03	3.64	.02	.38	.04	.01						.11		.06		4.70
Cicero				T	T		.01								.32			.16	2.76	.06	.12	.22					1.10				T	.75	5.50
Cisne Brown Camp	E				.47										.07												.03	.47					1.04
Clinton 1 S				T	.58	.64									T			.15	1.22		.65	T				T	T	T				T	3.24
Collinsville	E			.22		.24	.02											.10	.23	.02	.18							.76					1.77
Coulterville	E				.58	.21														.14		.04					.04	.16			.30	.41	1.88
Crete	R			.07	.23										.28			.61	1.39		1.31	.10						.01	.65			.30	4.29
Danville				.49	.44										.46	.01			1.82	.19	1.31	.02											5.40
Danville Hosp	R			.37	.39										.51				1.65	.11	1.17								.70				4.90
Danville Sewage Pl			.09	.38	.22	.24									.30	.02			.68	.02	.03	1.49	T					.05		.48			4.00
Decatur			.10	.21	1.59	.03	T								.25			.59	.69		1.23	.01				.02	T	.18	T	T		.18	5.08
Des Plaines 1 NW				.04										.24				.39	1.29	.02	.59	.35									.07	.02	3.08
Diona	R		.05	1.01	2.35	.23									.20			.07	.33	.02	.83							.20			.16		5.45
Dixon					T		.04								.27			.20	.49	.12	1.56	.92										.19	3.79
Douglas	E				.26									.05				2.92	4.58		.31											.22	8.34
Downs 2 NE	R			.88	.36										.22			.56	.65	.93	.59					.03						.03	4.25
Du Quoin			.02												T				.25	.06					.10			.15				.32	.90
Dwight				.35	.08		T								T			T	3.24	.09	.92	.08						T	.31				5.07
Dwight St. Ref	R		.05	.33	.05									.02	.03			1.25	2.30		.99								.05	.03	.01			5.11
East St. Louis						.23												T	.32		.22				.20			.44				.05	1.46
Edwardsville				T	.04	.56								T				.39	.31	T	.33	T	T					.62			T	.02	2.27
Effingham CAA AP	//		.28	.08	2.68	T									.07			.19	.28		.36	T	T		T		T	.49				.99	5.42
Effingham CAA AP	R //		.28	.05	2.77	.02									.09			.23	.29	.03	.25						.02	.50		.03		.88	5.44
Elgin				.04	.09		T							T	.20			.28	.62		.12	.10										.17	1.62
Elizabethtown					.23	2.09	.14												.46	.50	.28	.02			.31		T	.37				1.05	5.45
Elsah			.10	.01											.10			.01	.16		.36							.18				.17	1.09
Evanston Pump Sta	R		.03				.03							.02	.14			1.03	1.87	.01	.29	.08	.01						.01		.03	1.54	5.09
Fairbury Water Wks	R //		.02	.05	.05										.72			.27	1.49		.43								1.65				4.68
Fairfield			.50							-	-	-	-	-	-	-				.30	.07							.74				.55	-
Farmer City	E			.12	.33										.10			.73	.32		.55					.53							2.68
Flora			*	.63		.70									.01				.19		.10				.15			.42				.25	2.45
Freeport			T	.05			.15							.55	.04			1.40	.09		1.40	.06							.10		1.56	.09	5.49
Freeport S Plant				.06			.14								.57			1.22	.04	.07	.57	.96								.08		1.20	4.91
Freeport S Plant	R		.06				.16							.58				1.22	.11		1.52	.04						.10			1.19		4.98
Fulton Dam 13			T				.12								.30				T	.25	.07	1.71	.51	T						.11		1.42	4.49
Fulton Dam 13	R						.11							.26	.01				.03	.26	.06	1.94	.02						.10			1.30	.37	4.46
Galatia 1 W	R					.62	.06								.10				.22		1.29	.02			.12		.04	.37				.15	.95	3.94
Galesburg					.03	.29		.12							.11				1.05	3.86		.81	T				T					T		6.27
Galva					.13	.04		.04							.38				.71	1.39	T	.45	.07											3.21
Geneseo					.70			.09						.15	.14				.17	.56		1.58	.07										.44	3.90
Gibson City			T	4.60	.01										.22				.57	.80		.67	.37			.04	.03			.20			.08	7.59
Gladstone Dam 18				.02	T	.31	.11	.01							.36				.06	1.90	.27	.51	.08	T									.27	3.90
Glendale Exp Farm					.75	.21													.82	.56	.58	T				08					.15	.34	3.92
Glendale Exp Farm	E				.75	.21													.82	.21	.35	.58			.08		.36	.07			.15	.34	3.92
Golconda Dam 51						3.35	.16						T							.21	.38	.26	.40	.29		T	.24	.38				.06	5.73
Golconda Dam 51	R				*	*	3.51								.03				.20	.23	.31	.11	.54				.30	.05				.54	5.82
Golden			.72	T	.88													1.91	1.60		1.08	T				.11				.59			6.89
Grafton				T	T	T									.06				T	T	.35		T					.06					.47
Grand Tower 2 N			.58		.63										.02			.39		.66	.12							.21				1.74	4.35
Greenfield	E		.25		.03										.05			.20		.03	.90						.06	.32					1.84
Greenup					3.43										.18			.05	.28	.04	.48				T			.22		.02		.18	4.88
Greenville			.20	.01	.46										.23			.38	.26		.52	T						1.05				.22	3.33
Gridley				.06	.09		T								T			.20	4.33		1.03	.03							T		.01	T	5.75
Griggsville				.46	1.78													.24	.55	.35	.12						.08						3.58
Hardin				.24	.10													1.00	.20		1.45						T	.17				.34	3.50
Harrisburg						.64								.40	.05				.55	.94	T	.05			.04			.94				1.22	4.83
Harrisburg Disp Pl						.35										.05		.17	.99		.06				.05			.89			.50	2.56	5.62
Havana			.06	.05	.36	.06	.02								.08			.73	1.15		.92	T				.13	.06	.02				.02	3.66
Havana No. 2				.07	.37		.07	.01							.06				.96	1.00	.27	.47				.10		.03				.02	3.43
Henry																		.79	3.03		.29	.07							.30				4.48
Hillsboro			.50	.02	.54	.20									.18			.05	.35		.70						T	.26				.20	3.00
Hoopeston			.11	.14	.08										.25			.06	1.69		.64	.03				.38						.07	3.45
Hoopeston	E		.08	.16	.05										.30			.53	1.13	.02	.60				.33	.01						.07	3.28

See reference notes following Station Index

DAILY PRECIPITATION

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Hudson Lk Bloomington	R			.14									.03				1.25	1.57		.60				.02									3.61
Hutsonville				.76														.49		*	.20			1.31			.14				.21		3.11
Hutsonville P Pl		.82	.03	.93	.08									T	T				.64	.13	.22				.96		.12			T		.04	3.97
Illinois City Dam 16			1.59		.13	.18								.49				.94	.07	.45	.07											.12	4.04
Illinois City Dam16	R	1.58	.06	.12		.18							.53				.08	.95	.30	.20	.02										.10		4.12
Jacksonville		.45	.53	1.80	.92									.05			.19			.62						.06						4.62
Jacksonville S Pl	R	.46	1.02	1.74										.08			.24			.60					.03	.03						4.20
Jerseyville		.23												.05			T	.02		.58						.10					T	.98
Joliet Brandon Rd			.11		.21									.27				2.05	2.07	T	1.29	.02					.07	.03				.06	6.18
Joliet WB AP	6	T	.07	.12		T							.20	.16			2.53	1.61	T	.46	.12					.26	.03				.01	5.57
Kankakee			.25	.10										.10				2.01		.87												3.33
Kankakee 4 N			.07	.05		T								.62			T	1.47		.68	.02					T						2.91
Kankakee Sewage Pl	R		.16	.05										.78			.36	1.24		1.03	.01						.02					3.65
Keithsburg					.65	.07								.12				.75	.30	.45	T											2.34
Kewanee			.37			.09							.40				.20	1.50		.70												3.26
Kewanee Baker Pk	R	.33	.02	.02		.03							.36				.28	1.37	.03	.70	.05												3.19
Kickapoo					.42	.03												3.75	1.53		.46	.01											6.20
La Harpe 1 SW		.09	.12	.68	.74								T	.06			.83	1.01		.40	T					.02	T			.11	T	4.06
Lanark	R					.15							.28				.90	.22		1.82	.05							.15		.53	.18	4.28
La Salle			.25	.02		.01								.17			1.42	2.11		.37	.10						T					4.45
Lawn Ridge	R	-	-	-	-	-	-	-	-	-	-	-	.08							.03	.57											-
Lawrenceville					1.10														.78		T						.58					2.46
Le Roy			.62	.32	.01									.15		*	*	*	*	*	*	*	*	*	*	*	*	2.42				3.52
Lincoln		.06	.13	.49	.02									.15			.45	.33	.01	.39	.01				.22	.02					.01	2.29
Lincoln No. 2		T	.05	.52	.09									.15				.68	.11	.35	.07	.02			.23		.03					2.30
Lockport L & D	R		.03	.07									.33	.17			2.09	1.73		.40								.40			.04	5.26
Lockport Power H	R		.04	.07	.01								*	.44			2.16	1.51		.42	.03	.01					.01	.44			.04	5.18
Louisville	R	.08		.38	.04													.15		.25				.19		.06	.35				.66	2.16
Mackinaw				.32										.13			.45	2.10		.72								.15	.07		.03	3.97
Macomb		.13	.05	.71	.58	.04								.02			1.44	1.31		.73						.03					T	.02	5.06
Marengo			.08	T	.22	.04								.20			.92	.34	T	.54	.08									.38	1.16	3.96
Marietta	R	.09		.82					*	*	*	*	*	*	*	*	*	3.10	.04	.91											.10	5.06
Marion					.34													.59	.83												.61	2.76
Maroa	R	.03	.39	.46										.40			.83		.70													2.81
Marseilles Lock			.11		.07									.25				1.15	1.18	.05	.10	.05						.08				3.04
Marshall			.12	2.74	.09									.05			T	.41	.01	1.07							.09		.57	T	.14	.20	5.49
Mascoutah				.38	.10									.04			.06	.04	T	.02	T			T			.44				T	.82	1.90
Mason City	R			.42													.44	.38		1.40				.10								2.74
Mattoon		.06	.82	2.85	.02									.23			.32	.16		.74	T			.05	T		.30	T			.18	5.73
Mc Henry	R	.21	.17	.03									.05	.03			.76	.21		.51	.15				.75					*	.50	3.37
Mc Henry 2 S			.47		.02	.04								.03			.86	.12	.08	.34	.26				.49					T	.34	3.05
Mc Leansboro		.16		.22	.20									T				.11	.29	T				.28			.40				.25	1.91
Medora		.20		.05										.23			.23	.04		1.23						T	.20						2.18
Minonk			.06			.06											.20	3.40		1.46	.04							T				.28	5.50
Moline WB AP		.94	.03	.07		.16							.41				.11	.66	.24	1.30	.04										.03	.42	4.41
Moline WB AP	R //	.94	.03	.07		.16							.41				.11	.66	.18	1.36	.04										.03	.42	4.41
Monmouth Airport			.08	1.00		T								.15			.63	3.35		1.30										.08		6.59
Monticello		.17	.11	.82													.62	.52		.92								T				3.16
Morris			.07			.08								.15				3.06	1.28	T	.85	.16											5.65
Morris 3 NE			.07	.25										.25				4.50		.35	.15						T						5.52
Morrison		T	T	T		.12							.18	.16			.05	.42	T	2.69	.08							.07			.45	4.22
Morrisonville	R	.10	.13	.31										.21			.62	.04		.87							1.00					3.28
Morrisonville 1 E		.02	.18	.38	.02									T			.27	.51		.77	T						1.02				T	3.17
Mt. Carmel					.25	.57								.06				T	.57	.27	.40						.37				.13	1.42
Mt. Carmel W W	R			.15	.20	.33							.19					.33	.30		.67			1.60		.05	.32					.86	5.00
Mount Carroll				T		.17							.32	.05			.14	.17		2.02	.08							.05			1.08	4.08
Mount Olive		.42	T	.05	.17									.23			.16	.32	.03	.39							.18					1.95
Mount Pulaski		.20	.11	.82										.05			.31	.50		.67					T							2.66
Mount Sterling		.28	.12	1.55	.08									T			.32	.66		1.51	.01					.02				.14	T	4.69
Mt. Vernon					1.11								.09					.36	.15					.09			.86					.48	3.14
Murphysboro W W	R //		.02	.04	.01												.20	.05	.25							.04	.05				.35	1.01
Nashville 3 NW				.25	1.55									.05			.08	.26	.18								.52				.85	3.74
Newark 7 E			.04	T										.15			T	2.74	.08	.97	.20											T	4.18
New Boston Dam 17			.02	T	2.08	.10								.15			T	.77	.21	.78	.24	T										T	4.35
New Boston				T	1.31	.12								.11			.12	1.03	.20	.56	.12											T	3.57
New Burnside				T		.49	T							T				.36	.74				T	.07			.32				T	1.43	3.41
Newton		.05	.01	.20	.45									T				.26	T	.06				.13			.17					.60	1.93
Newton	R	.05	.03	.61	.02													.26		.05				.11			.15					.74	2.02
Olney Radio Sta		.53	T	.68										T				.17	.20	T				T								T	1.58
Oregon	R			.07		.05							.25				.77	.39		1.09											.15		2.77
Oregon Water Wks					.04	.08								.29			.85	.11	.35	.72	.39											.15	2.98
Ottawa			.14	.03		T								.12			.24	2.76	.08	.20	.11			T		T	T	T				3.68
Palestine			T	.66	.06									T				.23		.12				.83			.30				.13	2.35
Pana		.12	T	1.10		.03								.68			.08	.10		.38		T				T	.83				.15	3.47
Paris Sewage Pl	R		.38	.92	.09				-	-	-	-	-	-	-	-	.11	.72		.87												-
Paris Water Wks			1.30	1.13	.07									.55			T	.82		1.05							.30	T				5.22
Paw Paw			.05											.06			.14	.94	.05	.62	.11								.03			.10	2.10
Payson		.81	.04	*	.38									T			1.22	1.30	T	1.58	T		T			T				.45	.08	5.96
Peoria Lock & Dam	R //			.27	.02								.03				1.74	2.18		1.38								.34				5.96
Peoria WB AP		T		.24		T							.03	T			1.09	2.12	T	.58	.01					T		.06			T	4.13
Peoria WB AP	R			.24									.03				1.09	2.12		.58	.01							.06				4.13
Peotone				T	.15									.07				.89	1.11	.73	.12											.15	3.22
Peru			.27		.04									.22			.55	1.79	1.08	.24	.26	.02											4.47
Petersburg		.32	.35	1.82	.04												.19	.10	.05	.71	T			.13	.11	T	.02						3.84
Piper City		-	-	-	-			-						.37			.13	1.90		.56													-
Pittsfield Water W	R	.40	.04	1.13													.47	.10	.16	.37							.02		.58		.02	.15	3.44
Pleasant Hill 2 F		.03	T	.16	.40												.12			.58						T	.46				.61	2.36
Pontiac			.07	.03		T								.03			.30	4.26		.85	.02							T			.01	5.57
Prairie Du Rocher	R			.28	.43									.16			.02	.23									.10				.20	1.42
Princeton 1 S	R //	.16	.13										.15	.01			.58	.61		.59	.05												2.28
Princeville 2 NW				.21		.15							.05				.91	3.43		.68	.05												5.48
Prophetstown	R	.05	.04										.28				.64	.51		1.64	.02										.15	.15	3.48
Quincy			T	.77										T			.27	1.48		1.14	T					.07	.02				1.53		5.28
Quincy CAA AP	6	.11	T	.77		T							.01				1.66	1.34	.02	1.15	T					.03	T				.26	T	5.35
Quincy Dam 21				1.20	.14									T				.39	1.20	.75	.49						.04					1.31	5.52
Quincy Dam 21	R		.39	.91													.28	1.47	.08	1.17											1.32		5.62
Quincy Memorial Br				.92	.09													.36	1.25	.60	.57	T					.04					1.70	5.53
Rantoul Chanute AF		.05	2.39	.15									T	.04			1.34	2.04	.04	.41	T				.03	T	T	.01					6.50
Rantoul Chanute AF	R //	.05	2.21	.14										.07			1.05	2.00		.35					.04								5.91
Red Bud		.01		.43	.85								.11				.04		.05	T				T			.09					.04	1.62
Richview	R	.13		3.15	.25										.10			.20						.10		.04	.81					.70	5.48
Roberts 3 N		.09	T	.11										.20			T	1.30		.90								T					2.60
Rochelle														.26			.41	.04		1.73	.05				.22						.11		2.82
Rockford		T				.10	T							.34			1.81	.21		1.92	.70			.46							T	.65	6.19
Rockford 4 NE			.02	.02	.11									.15			2.08	.29	.19	1.05	1.08				.22							.69	5.90
Rockford CAA AP	6	.01				.08							.31	T			1.79	.09	T	2.02	.16			1.00				.02			.62		6.10
Rock Island Dam 15		1	.29		T	.15								.40			T	.35	.07	1.26	.34	T										.01	2.87
Rockport		.44		.40													.35		.22	.38							.18					.82	2.79
Rushville		63	.08	1.05	.25													1.10		1.01						.06						.25	4.43
Ste Marie		.18	T	.11	.36														.27	.10					.08		.13	T				.03	1.28
Salem		.38		.62													.36	.24									.49					.18	2.27
Shawneetown New Tw				T	.40	.10												.50	.12	.46	.16	T	T		.06	T	.40	.08				.05	2.33
Sidell		.10	1.06	.44	1.17													.56	.03	.20	.34				.02				.02			.04	5.09
Skokie N S Tr Wks	R	.02				.02								1.11																			
Sparta		T	T	.11	.65	T							.04	.18			.93	1.92		.25	.04										.08	1.46	4.94
														T			T	.14	T	T	T			.02			.17		T			.65	1.74

See reference notes following Station Index

Table 3–Continued

DAILY PRECIPITATION

ILLINOIS
JULY 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Springfield WB AP //	.56	.19	3.48	T	T								.14			.22	T	T	.49	T			.44	.09	.01	.01					T	5.63
Springfield WB AP R //	.68	.19	3.48										.14			.22			.49				.44	.09	.01	.01						5.75
Springfield WB City	.28	.34	2.28		T								.02			.33	T	T	.60	T			.38	.32	.01	.02					T	4.58
Springfield WB City R	.28	.34	2.28										.02			.33			.60				.38	.32	.01	.02						4.58
Stickney W Side Tr R			.02		.01							.07	.21			1.60	.78	.01	.24	.13						1.13					.74	4.94
Stockton		1.04			.19							.94	.15			.90	.05		1.04	.33										.17	1.80	6.61
Streator		.44	.03		T								T			T	3.40		.28	.21						T						4.36
Sullivan Water Wks E //	.12	1.45	2.96										.65			.39	.04		.30					.08	.02	.37						6.38
Sycamore													.04			1.01	.45		.36	.06			.02				.03				.07	2.04
Table Grove	.10	.06	.57	.13	.02							T				.72	1.61		1.54	T					.04					.08	T	4.87
Taylorville	.23	.06	1.57													.34	.46		.88				.12			.38					.04	4.08
Tiskilwa		.47	.07		.02								.12			.08	2.27		1.17	.05												4.25
Toulon		.20	.09		.07							.98				.57	1.91		.60	.06												4.48
Tuscola	.01	.20	1.36	.32									1.62			T	.19		.52	T				.16		.29						4.67
Urbana	T	.29	.41	.13									.12			.20	3.24		.67	.02	T					.01	T				T	5.09
Urbana Exp Farm R		.28	.37										.08			.88	1.49		.82								.38					4.30
Urbana Eng Campus		.12	.58	.21									.16	T			3.42	.04	.29	.41	T					T						5.23
Utica Starved R Dam		.20		T		T							.30				1.05	1.29	.54	.45	.04											3.87
Vandalia R	.60	.02	.97	.09											.18		.20			.41					.01	.62					.15	3.25
Virden	.31	.08	.10	.05									T			.31	.06		.91	T				.18	T	.70					.02	2.73
Walnut	T				.12								.09			.07	.68		.93	.15										.05		2.09
Warsaw	.83	.06	2.67													.56	.97	1.07							.09					.09	.17	6.51
Washington R			.22													2.10	2.57		.87								.11					5.87
Waterloo	.26			.72									.30			T	.06		.04				T			.02					.18	1.58
Waterman E //													.10			.63	*	1.85	.63	.12												3.33
Watseka	.06	.74	.05										.21			.02	1.61	T	.48						T	T						3.17
Waukegan	T	.38	.02		.04								.15			.64	.22	.06	.25	.67				.14	.03			.04		.02	.12	2.78
Wayne City	.31	.01		.30	.38								.14	.03			.02	.06	.02					.03		.60	.12					2.02
Wenona E	.02	.48	.08									.20				2.44	2.71		.46	.05												6.44
West Frankfort 8 E R				.58													.14	.20								.87					.89	2.68
Wheaton College		T			.02								.16			.50	1.88		.15	.26											.46	3.43
White Hall 1 E	.34	T	.05	T												.27	.01		.60							.68					.23	2.18
Wilcox	.75			.53														.07								.35			.10			1.80
Windsor	.15	.30	1.25		.04								.12			.06	.36		.64							.42						6.34

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
														—1st—												
AUGUSTA HIGH SCHOOL												.04	.83	.01	.17	.02										1.07
BEARDSTOWN LAGRANGE DAM	//											.01	.01	.05	.36	.08	.05						.03	.04		.63
BELLEVILLE SCOTT AF BSE	//														.09											.09
BELVIDERE SEWAGE PLANT																							.02	.01		.03
BRADFORD CAA	6																				*	*	*	*	*	-
CHICAGO LAKEVIEW PUMP																								.01	.01	.02
CHICAGO LOYOLA UNIV																								.01	.01	.02
CHICAGO MAYFAIR PUMP ST																								.01	.02	.03
CHICAGO N BRA PUMP STA																								.01	.02	.03
CHICAGO SPRINGFLD PUMP																								.01	.01	.02
CHICAGO WB CITY																									.01	.01
COLLINSVILLE																.21	.01									.22
DIONA																		.04	.01							.05
DWIGHT STATE REFORM																									.05	.05
EFFINGHAM CAA																		.28								.28
EVANSTON PUMP STA																								.01	.02	.03
FAIRBURY WATER WORKS	//																								.02	.02
FREEPORT SEWAGE PLANT																						.02	.04			.06
GREENFIELD															.25											.25
HOOPESTON																				.08						.08
ILLINOIS CITY DAM 16																						1.23	.35			1.58
JACKSONVILLE SEWAGE PL															.39	.05	.02									.46
KEWANEE BAKER PARK																							.17	.15	.01	.33
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE																		.07	.01							.08
MARIETTA															.04	.03						.02				.09
MAROA																.01	.01	.01								.03
MC HENRY																							.01		.20	.21
MOLINE WB AIRPORT	//																					.10	.65	.05	.14	.94
MORRISONVILLE																.02	.08									.10
NEWTON																			.05							.05
PIPER CITY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PITTSFIELD WATER WORKS														.39			.01									.40
PRINCETON 1 S	//																						.03	.01	.12	.16
PROPHETSTOWN																									.05	.05
QUINCY CAA	6														*	*	*	*	*	.11						-
RANTOUL CHANUTE AF BASE	//																		.05							.05
RICHVIEW			.01	.02													.10									.13
ROCKFORD CAA	6																				*	*	*	*	*	-
SKOKIE N S TREAT WKS																								.01	.01	.02
SPRINGFIELD WB AIRPORT	//														.28	.16	.05							.07	.12	.68
SPRINGFIELD WB CITY															.07	.12	.07							.02		.28
SULLIVAN WATER WORKS	//																.02	.08	.02							.12
VANDALIA																	.60									.60
WENONA																								.01	.01	.02
														—2d—												
BEARDSTOWN LAGRANGE DAM	//										.04														.49	.53
BELVIDERE SEWAGE PLANT			.02																							.02
BRADFORD CAA	6	.34																								-
CARPENTER 1 SW																	.03	.02								.05
CHICAGO LAKEVIEW PUMP		.01																								.01
CRETE			.02	.02	.03																					.07
DANVILLE HOSPITAL					.10						.05	.04	.14		.01							.01	.01		.01	.37
DIONA																						.03	.44	.41	.13	1.01
DOWNS 2 NE																				.44	.27	.17				.88
DWIGHT STATE REFORM		.02	.30	.01																						.33
EFFINGHAM CAA	//																						.02	.03		.05
FAIRBURY WATER WORKS	//	.01	.02	.02																						.05
FARMER CITY									.01	.04	.03									.02	.02					.12
HOOPESTON								.01	.03						.10				.02							.16
ILLINOIS CITY DAM 16				.01	.03	.02																				.06
JACKSONVILLE SEWAGE PL											.54	.02													.46	1.02
JOLIET WB AIRPORT	6		*	*	*	*	*	.07																		-
KANKAKEE SEWAGE PLANT				.14			.01	.01																		.16
KEWANEE BAKER PARK		.02																								.02
LOCKPORT LOCK AND DAM															.03											.03
LOCKPORT POWER HOUSE			.04																							.04
MAROA										.05	.07														.27	.39
MC HENRY		.12	.02																	.02	.01					.17
MOLINE WB AIRPORT	//	.03																								.03
MORRISONVILLE		.01											.12													.13
MURPHYSBORO WATER WORKS	//																				.02					.02
NEWTON																									.03	.03
PARIS SEWAGE PLANT				.10		.03																		.20	.05	.38
PITTSFIELD WATER WORKS												.04														.04
PRINCETON 1 S	//	.09	.04																							.13
PROPHETSTOWN		.02	.02																							.04
QUINCY DAM 21										.10	.28	.01														.39
RANTOUL CHANUTE AF BASE	//									.05	.37	.33	.01							.04	.95	.46				2.21
ROCKFORD CAA	6	.01																								-
SPRINGFIELD WB AIRPORT	//										.10	.03														.19
SPRINGFIELD WB CITY											.03	.01											.01	.23	.06	.34
SULLIVAN WATER WORKS	//	.15	.15									.01	.03	.01										1.08	.02	1.45
URBANA EXP FARM			.08	.03							.07	.07						.01	.02							.28
VANDALIA																								.02		.02
WENONA		.48																								.48
														—3d—												
ALEXIS WATER WORKS										.04	.03						.01	.02								.10
AUGUSTA HIGH SCHOOL				.03	.68	.06		.01	.01		.02															.81
BEARDSTOWN LAGRANGE DAM	//		.09			.47	.54	.01		.01	.03	.02	.05													1.22
BELLEVILLE SCOTT AF BSE	//																			*	*	*	*	*	*	*
BELVIDERE SEWAGE PLANT														.05												.05
BRADFORD CAA	6								*	*	*	*	*	.03												-
CAIRO WB CITY																						.21	.03			.24
CARPENTER 1 SW																							.63	.02		.65
CHICAGO CAL TREAT WKS															.01			.01								.02
CHICAGO ROSELAND PUMP																	.01	.03								.04
CHICAGO SAN DIST DISPAT																.01										.01
CHICAGO S FILTER PL																.03										.03
CHICAGO UNIVERSITY																.03										.03
CHICAGO WB AIRPORT																	.01									.01
CISNE BROWN CAMP																		.02	.16			.04	.07	.11	.07	.47
COLLINSVILLE																						.01	.17	.05	.01	.24
COULTERVILLE																					.05	.13	.38	.02		.58
CRETE																.04	.01	.15	.02	.01						.23
DANVILLE HOSPITAL			.09								.07	.04	.01		.02	.13	.02	.01								.39
DIONA		.44	1.18	.20	.17	.15	.17	.04																		2.35
DOUGLAS							.10	.01	.04	.03	.08															.26
DOWNS 2 NE								.02	.08	.16	.03			.05	.01	.01										.36
DWIGHT STATE REFORM												.04	.01													.05
EFFINGHAM CAA	//	.05	.05	.85	.57	1.08	.09	.01															.05	.02		2.77
FAIRBURY WATER WORKS	//										.01	.03	.01													.05
FARMER CITY								.02	.23	.03				.01	.04											.33
GALATIA 1W																.01		.01				.01	.01	.56	.02	.62

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GLENDALE EXP FARM														.03	*	*	*	*	*	*	*	.11	.24	.01	.39	.75
GOLCONDA DAM 51																						*	*	*	*	*
GREENFIELD							.03																			.03
HOOPESTON												.02	.01			.01	.01									.05
HUDSON LK BLOOMINGTON									.14																	.14
HUTSONVILLE	//		.05	.04	.27	.15	.14	.10	.01																	.76
ILLINOIS CITY DAM 16											.04	.07	.01													.12
JACKSONVILLE SEWAGE PL		.02	.25		.03	.14	.48				.20	.08	.09							.02		.29	.03	.08	.03	1.74
JOLIET WB AIRPORT	6														*	*	*	*	*	.12						–
KANKAKEE SEWAGE PLANT													.03	.01	.01											.05
KEWANEE BAKER PARK												.01	.01													.02
LOCKPORT LOCK AND DAM														.06	.01											.07
LOCKPORT POWER HOUSE														.04	.03											.07
LOUISVILLE																				.11	.02	.01	.05	.14	.05	.38
MARIETTA						.41	.08	.01											.01	.31						.82
MAROA		.01	.02					.25	.17	.01																.46
MASON CITY							.17	.22	.03																	.42
MC HENRY						.03																				.03
MOLINE WB AIRPORT	//												.01		.06											.07
MORRISONVILLE					.11	.01	.01	.16	.01	.01																.31
MT CARMEL WATER WORKS																						.01	.02	.05	.07	.15
MURPHYSBORO WATER WORKS	//																							.04		.04
NEWTON			.01	.01	.01	.06	.08		.01	.01												.32	.01	.07	.02	.61
OREGON																		.06	.01							.07
PARIS SEWAGE PLANT		.25	.12	.13	.13		.07	.02	.08	.12																.92
PEORIA LOCK AND DAM	//							.15	.10													.02				.27
PEORIA WB AIRPORT							.06	.13	.02				.01	.01						.01						.24
PITTSFIELD WATER WORKS					.09	.04			.11	.02	.25	.24	.01								.14			.23		1.13
PRAIRIE DU ROCHER W WKS																					.02	.15	.10	.01		.28
QUINCY CAA	6		*	*	*	*	*	.58	*	*	*	*	*	.06							*	*	*	*	*	–
QUINCY DAM 21				.65	.12	.03	.01			.06	.03											.01				.91
RANTOUL CHANUTE AF BASE	//									.01	.10	.03														.14
RICHVIEW																		.10	1.15	.20	.74	.40	.44	.12		3.15
SPRINGFIELD WB AIRPORT	//	1.08	.02	.53		.48	.99	.09	.01			.07	.13	.07								.01				3.48
SPRINGFIELD WB CITY		.42	.17	.32	.03	.20	.84	.23		.01	.01	.02		.03												2.28
STICKNEY W SIDE TREAT															.01		.01									.02
SULLIVAN WATER WORKS	//	.37	1.03	.15	.12	.08	.07	.50	.45	.02	.01	.01		.01	.12	.01	.01									2.96
URBANA EXP FARM									.27	.02	.01			.01	.02									.04		.37
VANDALIA					.01	.71	.01		.02													.02	.10	.10		.97
WASHINGTON									.19	.01	.02															.22
WENONA													.08													.08
—4th—																										
BELLEVILLE SCOTT AF BSE	//	*	.18																							.18
CAIRO WB CITY					.04	.11	.31								.56		.03	.54	.16					.01		1.76
COLLINSVILLE		.01	.01																							.02
COULTERVILLE		.02	.08	.07	.02							.02														.21
DIONA				.11	.09				.03																	.23
EFFINGHAM CAA	//		.02																							.02
GALATIA 1W			.03	.03																						.06
GLENDALE EXP FARM		.08	.01					.02	.10																	.21
LOCKPORT POWER HOUSE				.01																						.01
LOUISVILLE														.01	.03											.04
MT CARMEL WATER WORKS		.08	.03	.02																					.07	.20
MURPHYSBORO WATER WORKS	//		.01																							.01
NEWTON		.01	.01																							.02
PARIS SEWAGE PLANT			.01	.08																						.09
PEORIA LOCK AND DAM	//								.02																	.02
PRAIRIE DU ROCHER W WKS		.01	.15	.26	.01																					.43
QUINCY CAA	6	.13																								–
RICHVIEW		.02		.02	.01				.04	.01		.11	.02	.01	.01											.25
VANDALIA																		.05	.03	.01						.09
WEST FRANKFORT 8 E						.08	.30		.10	.08	.02															.58
—5th—																										
BELVIDERE SEWAGE PLANT		.03	.02																							.05
BRADFORD CAA	6		*	*	*	*	*	.04	*	*	*	*	*	.02												–
CHICAGO LAKEVIEW PUMP						.01	.01		.01																	.03
CHICAGO LOYOLA UNIV					.01	.01	.01	.01																		.04
CHICAGO MAYFAIR PUMP ST						.02		.01																		.03
CHICAGO N BRA PUMP STA						.01	.01	.01																		.03
CHICAGO SAN DIST DISPAT													.01													.01
CHICAGO SPRINGFLD PUMP								.01																		.01
CHICAGO WB CITY							.01																			.01
EVANSTON PUMP STA					.01		.01	.01																		.03
FREEPORT SEWAGE PLANT			.03	.06	.03	.02		.01		.01																.16
FULTON DAM 13				.08	.02	.01																				.11
GOLCONDA DAM 51		*	3.48																							3.51
ILLINOIS CITY DAM 16					.05	.05	.08																			.18
KEWANEE BAKER PARK							.03																			.03
LANARK			.04	.07	.03		.01																			.15
MOLINE WB AIRPORT	//					.06	.06	.04																		.16
MT CARMEL WATER WORKS		.33																								.33
OREGON						.02	.02	.01																		.05
ROCKFORD CAA	6		*	*	*	*	*	.08																		–
SKOKIE N S TREAT WKS						.01	.01																			.02
STICKNEY W SIDE TREAT							.01																			.01
—6th—																										
MARIETTA																	*	*	*	*	*	*	*	*	*	*
PARIS SEWAGE PLANT											–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PIPER CITY		–	–	–	–	–	–	–	–																	–
—10th—																										
LAWN RIDGE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						–
—12th—																										
ALEXIS WATER WORKS																			.10		.01		.06			.17
AUGUSTA HIGH SCHOOL														*	*	*	*	*	*	*	*	*	*	*	*	*
BELVIDERE SEWAGE PLANT																						.03	.01	.11	.14	.29
BRADFORD CAA	6																				*	*	*	*	*	–
CAIRO WB CITY																.20	.02									.22
CHICAGO CAL TREAT WKS																					.07					.07
CHICAGO LAKEVIEW PUMP																									.04	.04
CHICAGO LOYOLA UNIV																									.02	.02
CHICAGO N BRA PUMP STA																									.01	.01
CHICAGO SAN DIST DISPAT																									.07	.07
CHICAGO SAN DIST OFF																									.06	.06
CHICAGO S FILTER PL																				.02						.02
CHICAGO SPRINGFLD PUMP																									.11	.11
CHICAGO UNIVERSITY																				.18					.05	.23
CHICAGO WB AIRPORT																								.01	.07	.08

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
CHICAGO WB CITY																									.06	.06
DOUGLAS																				.03	.02					.05
DWIGHT STATE REFORM																							.02			.02
EVANSTON PUMP STA																									.02	.02
FREEPORT SEWAGE PLANT																.06	.09	.31	.06	.04	.01	.01				.58
FULTON DAM 13																.03		.01	.08		.01	.11	.02			.26
HUDSON LK BLOOMINGTON																								.03		.03
ILLINOIS CITY DAM 16																	.32	.09	.09	.03						.53
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
KEWANEE BAKER PARK																			.12	.10	.01			.09	.04	.36
LANARK																	.07	.14	.01	.06						.28
LAWN RIDGE																					.05	.03				.08
LOCKPORT LOCK AND DAM																									.33	.33
LOCKPORT POWER HOUSE																								*	*	*
MC HENRY																									.05	.05
MOLINE WB AIRPORT	//																		.29	.02	.07		.03			.41
MT CARMEL WATER WORKS															.18	.01										.19
OREGON																					.01	.02		.12	.10	.25
PEORIA LOCK AND DAM	//									.01	.01	.01														.03
PEORIA WB AIRPORT																					.01	.01	.01	.01		.03
PRINCETON 1 S	//																				.02	.12	.01			.15
PROPHETSTOWN																			.04	.11	.04	.01	.03	.04	.01	.28
QUINCY CAA	6																				*	*	*	*	*	-
ROCKFORD CAA	6																				*	*	*	*	*	-
SKOKIE N S TREAT WKS																									.04	.04
STICKNEY W SIDE TREAT																									.07	.07
WENONA																									.20	.20
—13th—																										
BEARDSTOWN LAGRANGE DAM	//	.03	.01																							.04
BELLEVILLE SCOTT AF BSE	//			.05	.15	.02																				.22
BELVIDERE SEWAGE PLANT		.03																								.03
BRADFORD CAA	6	.34																								-
CHICAGO CAL TREAT WKS		.30	.05																							.35
CHICAGO LAKEVIEW PUMP		.01	.01																							.02
CHICAGO LOYOLA UNIV		.04																								.04
CHICAGO N BRA PUMP STA		.03	.01																							.04
CHICAGO ROSELAND PUMP		.33	.07																							.40
CHICAGO SAN DIST DISPAT		.31	.03																							.34
CHICAGO SAN DIST OFF		.42	.06																							.48
CHICAGO S FILTER PL		.30	.14																							.44
CHICAGO SPRINGFLD PUMP		.03																								.03
CHICAGO UNIVERSITY		.50	.10																							.60
CHICAGO WB AIRPORT		.34	.02																							.36
CHICAGO WB CITY		.26	.06	.01	.01																					.34
CISNE BROWN CAMP								.05	.02																	.07
CRETE			.03	.23	.02																					.28
DANVILLE HOSPITAL						.03	.42	.03	.03																	.51
DIONA						.06	.11	.03																		.20
DOWNS 2 NE		.04	.18																							.22
DWIGHT STATE REFORM				.03																						.03
EFFINGHAM CAA	//					.08	.01																			.09
EVANSTON PUMP STA		.14																								.14
FAIRBURY WATER WORKS	//	.38	.34																							.72
FARMER CITY		.05			.05																					.10
FULTON DAM 13		.01																								.01
GALATIA 1W													.02	.08												.10
GOLCONDA DAM 51												.03														.03
GREENFIELD			.05																							.05
HOOPESTON				.25	.01	.02		.01	.01																	.30
JACKSONVILLE SEWAGE PL		.08																								.08
JOLIET WB AIRPORT	6	.35	*	*	*	*	*	.01																		-
KANKAKEE SEWAGE PLANT			.09	.48	.21																					.78
LOCKPORT LOCK AND DAM		.17																								.17
LOCKPORT POWER HOUSE		.44																								.44
MAROA				.40																						.40
MC HENRY		.03																								.03
MORRISONVILLE			.20	.01																						.21
PIPER CITY			.28	.08	.01																					.37
PRAIRIE DU ROCHER W WKS						.11		.02	.03																	.16
PRINCETON 1 S	//	.01																								.01
QUINCY CAA	6	.01																								-
RANTOUL CHANUTE AF BASE	//		.03			.03	.01																			.07
ROCKFORD CAA	6	.31																								-
SKOKIE N S TREAT WKS		.18																								.18
SPRINGFIELD WB AIRPORT	//		.13	.01																						.14
SPRINGFIELD WB CITY			.02																							.02
STICKNEY W SIDE TREAT		.20	.01																							.21
SULLIVAN WATER WORKS	//					.19	.41	.05																		.65
URBANA EXP FARM																	.05	.03								.08
WATERMAN	//																								.10	.10
—14th—																										
RICHVIEW							.01	.09																		.10
—15th—																										
PARIS SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									.04	-
VANDALIA												.11	.05	.01	.01											.18
—16th—																										
ALEXIS WATER WORKS				.04												.45	.01									.50
BEARDSTOWN LAGRANGE DAM	//																.15	.03	.01	.03						.22
BELLEVILLE SCOTT AF BSE	//									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.11	.11
BELVIDERE SEWAGE PLANT			.01	.12	.68	.13	.44			.02	.07		.01	.02	.02											1.52
BRADFORD CAA	6														*	*	*	*	*	.45	*	*	*	*	*	-
CAIRO WB CITY																					.07	.42				.49
CARPENTER 1 SW											.26	.09														.35
CHICAGO CAL TREAT WKS																						.20	.48	.54	.12	1.34
CHICAGO LAKEVIEW PUMP								.36													.01	.03	.21	.49	1.48	2.58
CHICAGO LOYOLA UNIV						.08	.05	.12													.02	.03	.17	.38	.38	1.23
CHICAGO MAYFAIR PUMP ST						.25	.16	.25												.01	.03	.04	.26	.32	.40	1.72
CHICAGO N BRA PUMP STA						.06	.05	.15												.01	.01	.03	.14	.37	.36	1.18
CHICAGO ROSELAND PUMP																						.71	.69	.50	.08	1.98
CHICAGO SAN DIST DISPAT								.03														.06	.60	1.40	.49	2.58
CHICAGO SAN DIST OFF																						*	*	*	*	*
CHICAGO S FILTER PL																						.19	.72	.63	.15	1.69
CHICAGO SPRINGFLD PUMP								.35														.03	.40	.55	.76	2.09
CHICAGO UNIVERSITY																						.31	1.04	1.06	.18	2.59
CHICAGO WB AIRPORT																						.07	.79	1.27	.35	2.48
CHICAGO WB CITY																						.05	.48	1.57	.53	2.63
COLLINSVILLE										*	*	.10														.10
CRETE																							.02	.34	.25	.61
DIONA													.01	.06												.07

See reference notes following Station Index.

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DOUGLAS																	.81	.13	.68	.80	.50					2.92
DOWNS 2 NE												.04	.01	.20				.20	.07	.01	.01	.02				.56
DWIGHT STATE REFORM															.05			.01	.04			.16	.49	.42	.08	1.25
EFFINGHAM CAA	//												.19								.04					.23
EVANSTON PUMP STA						.26	.02	.16													.01	.04	.14	.22	.18	1.03
FAIRBURY WATER WORKS	//														.03			.04	.02		.06	.03	.02	.01	.06	.27
FARMER CITY																					.15			.01	.42	.73
FREEPORT SEWAGE PLANT				.64	.58				.05	.03			.02	.01	.01	.02	.01									1.22
FULTON DAM 13																		.02	.01							.03
GALATIA 1W																					.14	.05	.01	.02		.22
GLENDALE EXP FARM																					.47	.27	.08			.82
GOLCONDA DAM 51																						.15	.05			.20
GREENFIELD											.12	.01							.01	.01		.03	.02			.20
HOOPESTON																.07								.45	.01	.53
HUDSON LK BLOOMINGTON												.06		.02	.24	.05			.25	.05	.53	.04	.01			1.25
ILLINOIS CITY DAM 16																.08										.08
JACKSONVILLE SEWAGE PL														.11	.04			.05	.04							.24
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																								.08	.28	.36
KEWANEE BAKER PARK																	.20	.04	.01	.01	.02					.28
LANARK				.50	.40																					.90
LOCKPORT LOCK AND DAM																						.45	1.07	.46	.11	2.09
LOCKPORT POWER HOUSE																						.36	1.17	.54	.09	2.16
MAROA							.02		.10			.64	.07													.83
MASON CITY															.04	.12			.02	.03	.15			.08		.44
MC HENRY					.32	.12	.03	.12	.05	.01	.01				.01			.06	.01			.01	.01			.76
MOLINE WB AIRPORT	//															.01	.09	.01								.11
MORRISONVILLE												.10											.46	.06		.62
MURPHYSBORO WATER WORKS	//																			.16	.04					.20
OREGON						.63	.13																		.01	.77
PARIS SEWAGE PLANT		.11																								.11
PEORIA LOCK AND DAM	//																.08	.03	.10	.18	.68	.54	.13			1.74
PEORIA WB AIRPORT																.04	.03	.04	.05	.51	.38	.04				1.09
PIPER CITY																							.10		.03	.13
PITTSFIELD WATER WORKS															.25	.19	.01	.01	.01							.47
PRAIRIE DU ROCHER W WKS																				.02						.02
PRINCETON 1 S	//																		.22	.07	.09	.05	.07	.08		.58
PROPHETSTOWN																	.54	.09	.01							.64
QUINCY CAA	6														*	*	*	*	*	1.66						-
QUINCY DAM 21														.23	.04	.01										.28
RANTOUL CHANUTE AF BASE	//														.59	.01	.01			.02	.01		.41			1.05
ROCKFORD CAA	6		*	*	*	*	*	1.73							*	*	*	*	*	.05	*	*	*	*	*	-
SKOKIE N S TREAT WKS						.12	.09	.29														.01	.04	.12	.26	.93
SPRINGFIELD WB AIRPORT	//											.03												.18	.01	.22
SPRINGFIELD WB CITY								.05	.02			.03			.02									.20	.01	.33
STICKNEY W SIDE TREAT																						.04	.46	.66	.44	1.60
SULLIVAN WATER WORKS	//											.02	.01	.01	.01						.01			.08	.25	.39
URBANA EXP FARM													.09	.10							.10	.58			.01	.88
WASHINGTON														.02	.08			.02	.13	.24	.17	1.01	.43			2.10
WATERMAN	//						.27	.04		.01									.01	.05			.02	.13	.10	.63
WENONA											.20								.02	.08	.49	.26	1.05	.34		2.44
														—17th—												
ALEXIS WATER WORKS					.41	.92	.84	.26	.01	.01	.05	.16		.03	.01											2.70
BEARDSTOWN LAGRANGE DAM	//					.08	.01					.02	.69	.11	.02	.01										.94
BELLEVILLE SCOTT AF BSE	//																.16	.11								.27
BRADFORD CAA	6	.56		*	*	*	*	.18	*	*	*	*	*	.60	*	*	*	*	*	.01						-
CAIRO WB CITY																			.21	.09	.10	.01				.41
CARPENTER 1 SW																.24										.24
CHICAGO CAL TREAT WKS		.01							.01	.11		.04			.55	.11	.01									.84
CHICAGO LAKEVIEW PUMP		.15								.11	.01				.73	.35	.01				.03	.08				1.47
CHICAGO LOYOLA UNIV		.09								.09					.41	.47					.10					1.16
CHICAGO MAYFAIR PUMP ST		.04							.01	.13					.72	.74					.12					1.77
CHICAGO N BRA PUMP STA		.09								.10	.01				.51	.36					.12					1.19
CHICAGO ROSELAND PUMP		.02							.04	.11	.02	.02		.09	.47	.08	.01					.02				.88
CHICAGO SAN DIST DISPAT		.02								.13					.74	.10						.01				1.00
CHICAGO SAN DIST OFF		*	*	*	*	*	*	*	4.65	.09					.55	.10	.01					.01				5.41
CHICAGO S FILTER PL		.06	.01							.08	.02			.01	.26	.29		.01				.02				.76
CHICAGO SPRINGFLD PUMP		.01							.01	.12					.72	.74					.12					1.72
CHICAGO UNIVERSITY		.02								.09				.01	.86	.14						.04				1.16
CHICAGO WB AIRPORT		.02		.01					.01	.16					.69	.11					.03	.01				1.04
CHICAGO WB CITY		.07	.01							.08	.02				.61	.11						.01				.91
COLLINSVILLE																.22	.01									.23
CRETE		.04							.02	.01	.05	.02	.15	.03	.02	.71	.18	.03	.02	.11						1.39
DANVILLE HOSPITAL		.02	.08	1.37	.18																					1.65
DIONA																	.23	.03	.07							.33
DOUGLAS						.88	1.00	.67	.60	.29	.03	1.03	.08													4.58
DOWNS 2 NE		.07	.12	.03			.08									.25	.10									.65
DWIGHT STATE REFORM									.05	.30		.44	.02	.06	.78	.25	.09	.01					.30			2.30
EFFINGHAM CAA	//																.26	.01	.02							.29
EVANSTON PUMP STA		.11		.01						.06	.02				.81	.73	.01				.12					1.87
FAIRBURY WATER WORKS	//			.01	.02				.23	.02	.17	.06	.08			.33	.57									1.49
FARMER CITY		.12	.20																							.32
FREEPORT SEWAGE PLANT								.04	.02	.03				.01	.01											.11
FULTON DAM 13							.05	.13	.02	.04				.02												.26
GLENDALE EXP FARM																			.14	.01	.05	.01				.21
GOLCONDA DAM 51																			.06	.07	.10					.23
HOOPESTON		.01	.09	.65	.04					.03	.02							.04		.19	.06					1.13
HUDSON LK BLOOMINGTON			.01		.10	.04		.02	.28	.10	.14		.74	.14												1.57
HUTSONVILLE	//																				.47	.02				.49
ILLINOIS CITY DAM 16					.01	.59	.19	.06	.01			.06	.03													.95
JOLIET WB AIRPORT	6	2.53	*	*	*	*	*	.01	*	*	*	*	*	.25	*	*	*	*	*	1.31	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT				.01	.01					.07	.01	.02	.22	.02	.32	.20	.32	.03			.01					1.24
KEWANEE BAKER PARK						.62	.32	.08	.05			.15	.14	.01												1.37
LANARK							.02	.04	.12					.03	.01											.22
LOCKPORT LOCK AND DAM		.04							.12	.11	.01	.01		.72	.67	.05										1.73
LOCKPORT POWER HOUSE		.01							.14	.01				.07	1.19	.08					.01					1.51
LOUISVILLE																	.14	.01								.15
MARIETTA		*	*	*	*	*	*	*	1.36	.07	.13	1.33	.17										.04			3.10
MASON CITY				.08									.18	.12												.38
MC HENRY											.04	.02				.07	.01	.01			.06					.21
MOLINE WB AIRPORT	//					.01	.12	.32	.01		.01	.09	.07						.03							.66
MORRISONVILLE															.02	.02										.04
MT CARMEL WATER WORKS																					.33					.33
MURPHYSBORO WATER WORKS	//																		.04	.01						.05
NEWTON																	.21		.04	.01						.26
OREGON		.01	.02						.01	.17	.04	.05		.02	.06	.01										.39
PARIS SEWAGE PLANT																	.30	.23	.19							.72
PEORIA LOCK AND DAM	//						.55	.11	.07	.31	.33	.01		.65	.12	.03										2.18
PEORIA WB AIRPORT						.12	.40		.26	.35	.19	.10	.66	.04												2.12
PIPER CITY		.07			.04	.01		.02	.13	.05	.20	.28	.13		.01			.92	.04						1.90
PITTSFIELD WATER WORKS													.05	.05												.10
PRAIRIE DU ROCHER W WKS																.22	.01									.23
PRINCETON 1 S	//							.07	.11	.11	.02	.04		.19	.06	.01										.61
PROPHETSTOWN								.15	.10	.11	.03	.01	.10	.01												.51

See reference notes following Station Index.

Station		A M Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
QUINCY CAA	6		*	*	*	*	*	.29	*	*	*	*	*	1.05											-
QUINCY DAM 21			.01	.01	.04				.10	.39	.71	.21													1.47
RANTOUL CHANUTE AF BASE	//	.09	.53	.88	.14														.36						2.00
RICHVIEW																	.20								.20
ROCKFORD CAA	6	.01							*	*	*	*	*	.07	*	*	*	*	*	.02					-
SKOKIE N S TREAT WKS		.15	.16						.08	.01					.67	.70					.15				1.92
STICKNEY W SIDE TREAT		.01							.01	.14			.01		.51	.09					.01				.78
SULLIVAN WATER WORKS	//		.01													.02	.01								.04
URBANA EXP FARM		.87	.58					.03	.01																1.49
VANDALIA																	.20								.20
WASHINGTON								.89		.18	.70		.04	.36	.40										2.57
WATERMAN	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WENONA								.06	.09	.13	.23	.02	.01	.57	1.49	.03	.03			.05					2.71
WEST FRANKFORT 8 E				.10	.04																				.14
														—18th—											
ALEXIS WATER WORKS																								1.92	1.92
AUGUSTA HIGH SCHOOL		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.16							2.16
BEARDSTOWN LAGRANGE DAM	/,																							.03	.03
BRADFORD CAA	6																				*	*	*	*	-
CAIRO WB CITY			.10					.02																	.12
CHICAGO CAL TREAT WKS			.01																						.01
CHICAGO LAKEVIEW PUMP												.01													.01
CHICAGO N BRA PUMP STA						.01																			.01
CHICAGO ROSELAND PUMP			.01																						.01
CHICAGO SPRINGFLD PUMP		.01																							.01
COLLINSVILLE																							.01	.01	.02
COULTERVILLE																					.14				.14
DANVILLE HOSPITAL																		.10				.01			.11
DIONA																		.01	.01						.02
DOWNS 2 NE																			.77	.16					.93
EFFINGHAM CAA	//																	.03							.03
EVANSTON PUMP STA			.01																						.01
FULTON DAM 13																								.06	.06
GALATIA 1W								.18	.42	.07	.03			.01	.03	.01		.01	.36	.08	.06			.03	1.29
GLENDALE EXP FARM					.15		.15	.03	.01	.01															.35
GOLCONDA DAM 51				.05	.01		.13	.01	.04					.07											.31
GREENFIELD															.03										.03
HOOPESTON										.01	.01														.02
ILLINOIS CITY DAM 16																							.03	.27	.30
JOLIET WB AIRPORT	6	.04																							-
KEWANEE BAKER PARK																								.03	.03
MARIETTA																								.04	.04
MASON			.23	.07	.07	.03	.10	.10	.05	.05															.70
MOLINE WB AIRPORT	//																							.09	.09
MT CARMEL WATER WORKS		.01	.01												.03	.02	.20		.03						.30
MURPHYSBORO WATER WORKS	//						.14	.11																	.25
PITTSFIELD WATER WORKS																								.03	.13
QUINCY CAA	6																				*	*	*	*	-
QUINCY DAM 21																								.02	.06
STICKNEY W SIDE TREAT						.01																			.08
WATERMAN	//	*	*	*	*	*	*	1.85																	.01
WEST FRANKFORT 8 E			.05												.12	.03									1.85
														—19th—											.20
ALEXIS WATER WORKS		.01		.01	.02	.01	.07	.01	.02	.01	.05														.21
AUGUSTA HIGH SCHOOL		.08	.01	.06	.03	.04	.08				.01	.78	.18	.01											1.28
BEARDSTOWN LAGRANGE DAM	/,	.04	.04		.05	.01	.04	.08	.01				.07	.23											.57
BELLEVILLE SCOTT AF BSE	//				.01	.01	.02																		.04
BELVIDERE SEWAGE PLANT					.06	.06	.49	.02	.34			.08	.04	.07	.12	.03	.02								1.33
BRADFORD CAA	6	.14	*	*	*	*	*	.20	*	*	*	*	*	.38	*	*	*	*	*	.01					-
CAIRO WB CITY																.14			.04	.02	.01	.04			.25
CARPENTER 1 SW			.09			.04	.21	.DB																	.42
CHICAGO CAL TREAT WKS					.01					.01				.01	.79	.27				.03				.01	1.13
CHICAGO LAKEVIEW PUMP						.01	.05	.01				.04			.01	.01		.07			.52				.72
CHICAGO LOYOLA UNIV						.01	.06	.02	.01			.01	.01	.01			.01				.24			.01	.39
CHICAGO MAYFAIR PUMP ST						.04	.01	.03				.02				.02	.08	.08		1.03					1.31
CHICAGO N BRA PUMP STA						.02	.02	.02	.01			.02				.01	.01	.02			.36	.06		.01	.56
CHICAGO ROSELAND PUMP						.01						.01	.01		.07	.97						.02			1.09
CHICAGO SAN DIST DISPAT						.01	.01					.03		.01	.07	.05	.01	.03		.03					.25
CHICAGO SAN DIST OFF						.01	.01					.03		.02	.04	.06				.03					.20
CHICAGO S FILTER PL						.01	.01					.02			.28	.66	.01	.08	.01						1.08
CHICAGO SPRINGFLD PUMP		*	*	*	*	*	*	*	*	*	*	*	.10		.01	.01				.04	.20				.36
CHICAGO UNIVERSITY						.01						.03	.01	.01	.10	.42	.04	.05	.10	.01					.78
CHICAGO WB AIRPORT											.01	.01	.02	.01	.09	.15				.04					.33
CHICAGO WB CITY							.04				.01	.04		.01	.04	.10	.01			.02	.01				.28
COLLINSVILLE		.02					.11	.05																	.18
CRETE										.02	.01	.03	.01		.19	.31	.65		.01		.08				1.31
DANVILLE HOSPITAL									.05	.12	.17	.01	.01	.26	.40	.02	.13								1.17
DIONA					.04	.05	.01		.03		.01		.67	.02											.83
DOUGLAS						.08	.06	.17																	.31
DOWNS 2 NE			.02	.02			.05							.07		.43									.59
DWIGHT STATE REFORM								.03	.02			.01		.04	.81	.05	.03								.99
EFFINGHAM CAA	//				.04		.02		.05	.04		.02	.06	.02											.25
EVANSTON PUMP STA							.10	.03	.02				.01	.01			.03			.05	.03			.01	.29
FAIRBURY WATER WORKS	//						.01	.04	.01	.02	.06		.01	.02		.14	.12								.43
FARMER CITY						.09	.07	.08	.14	.02					.15										.55
FREEPORT SEWAGE PLANT			.01	.10	.26	.08	.06	.08	.02	.18	.46	.10	.01	.06	.04						.01			.03	.02	1.52
FULTON DAM 13		.03	.19	.52	.24	.30	.01	.09	.16		.09	.07	.16				.05	.02		.01					1.94
GALATIA 1W		.01	.01																						.02
GLENDALE EXP FARM																	.58								.58
GOLCONDA DAM 51																				.11					.11
GREENFIELD		.35	.27	.01		.10	.07	.05	.02	.03															.90
HOOPESTON									.04	.22	.05	.11	.01	.04	.01	.02	.05	.05							.60
HUDSON LK BLOOMINGTON				.02	.04	.02	.08	.12			.04	.07	.03	.18											.60
HUTSONVILLE	//						.08						*	*	*	*	*	*	*	*	*	*	*	*	*
ILLINOIS CITY DAM 16		.01				.09	.06			.01	.02	.01													.20
JACKSONVILLE SEWAGE PL		.11	.08	.01	.02	.14	.06	.12	.01				.05												.60
JOLIET WB AIRPORT	6		*	*	*	*	*	.01	*	*	*	*	*	.02	*	*	*	*	*	.43					-
KANKAKEE SEWAGE PLANT								.02	.01	.01	.02	.01	.01	.01	.13	.77	.03		.01						1.03
KEWANEE BAKER PARK		.09	.05	.01	.21	.02		.07	.11	.07	.01	.04	.01	.01											.70
LANARK		.01	.10	.10	.10	.10	.15	.03	.02	.46	.03	.02	.64	.03	.02	.01									1.82
LAWN RIDGE																								.02	.01
LOCKPORT LOCK AND DAM														.09	.11				.09	.11					.03
LOCKPORT POWER HOUSE														.04	.16				.10	.12					.40
LOUISVILLE				.25																					.42
MARIETTA		.01	.12	.01	.07	.04	.21	.01	.04			.10	.20	.10											.25
MASON CITY					.01		.34	.35						.68	.02										.91
MC HENRY						.04	.01	.21	.04	.01				.02	.03	.05	.01	.02		.02				.05	1.40
MOLINE WB AIRPORT	//	.64	.24	.07	.06	.08	.08	.07	.02	.01	.02	.05	.01												.51
MORRISONVILLE			.02	.55	.01	.01	.15	.12	.01															.01	1.36
NEWTON					.02								.03												.87
OREGON				.05	.15	.13	.03	.28	.05	.02	.01		.05	.13	.13	.01	.02	.03							.05
PARIS SEWAGE PLANT								.10	.01	.01	.02			.62	.03	.03				.05					1.09
PEORIA LOCK AND DAM	//				*	*	*	.38	.03	.13	.02		.22	.45	.10	.05									.87
																									1.38

See reference notes following Station Index.

Station		A. M. Hour ending												P M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PEORIA WB AIRPORT			.01			.01	.08	.17	.07				.15	.09											.58
PIPER CITY								.05	.04	.06	.02	.01	.01	.05	.01	.05	.26								.56
PITTSFIELD WATER WORKS		.02	.03		.04	.03	.12	.04	.01				.08												.37
PRINCETON 1 S	//	.05	.23	.08	.06	.02	.02	.01	.01	.06	.05														.59
PROPHETSTOWN		.12	.22	.32	.03	.03	.04			.05	.02	.03	.19	.02	.01	.51	.02							.03	1.64
QUINCY CAA	6	.02	*	*	*	*	*	.79	*	*	*	*	*	.36											-
QUINCY DAM 21		.02			.27	.23	.10				.51	.04													1.17
RANTOUL CHANUTE AF BASE	//							.03	.03	.10	.19														.35
ROCKFORD CAA	6		*	*	*	*	*	.66	*	*	*	*	*	1.29	*	*	*	*	*	.02	*	*	*	*	*	-
SKOKIE N S TREAT WKS							.08	.02	.01				.01			.01	.03				.09				.25
SPRINGFIELD WB AIRPORT	//		.05	.03	.04	.03	.22	.08	.01					.03											.49
SPRINGFIELD WB CITY			.06	.05	.07	.02	.21	.09	.01					.09											.60
STICKNEY W SIDE TREAT						.01						.03	.01		.07	.04		.01		.07					.24
SULLIVAN WATER WORKS	//				.08	.01	.02	.08	.11																.30
URBANA EXP FARM						.03	.08	.10	.07	.49			.01		.04										.82
WASHINGTON			.02	.01	.03			.01	.05	.19	.01	.01	.08	.37	.08	.01									.87
WATERMAN	//				.11	.02	.04					.02	.01		.01				.01	.08	.30	.03			.63
WENONA			.25	.01							.10				.01	.09									.46
														—20th—											
ALEXIS WATER WORKS						.01	.01																		.02
BELVIDERE SEWAGE PLANT			.07	.04	.04	.05		.05																	.25
BRADFORD CAA	6		*	*	*	*	*	.02	*	*	*	*	*	.02											-
CAIRO WB CITY					.01				.10	.13															.24
CHICAGO CAL TREAT WKS				.01							.25	.16	.07	.01											.50
CHICAGO LAKEVIEW PUMP		.01		.01					.01	.03	.01			.01											.08
CHICAGO LOYOLA UNIV		.04	.01	.01				.01		.02	.02		.01	.01											.13
CHICAGO MAYFAIR PUMP ST			.01	.01	.01		.02	.01	.01	.03	.02		.01												.13
CHICAGO N BRA PUMP STA		.01		.02	.01		.01	.01	.01	.08	.04		.02	.01											.22
CHICAGO ROSELAND PUMP										.09	.22	.32	.10												.73
CHICAGO SAN DIST DISPAT						.01				.03	.04	.02		.01											.11
CHICAGO SAN DIST OFF									.01	.07	.07														.15
CHICAGO S FILTER PL					.01					.04	.41	.29	.01												.76
CHICAGO SPRINGFLD PUMP					.01			.01	.02	.02	.07	.01		.02											.16
CHICAGO UNIVERSITY										.01	.02	.07													.10
CHICAGO WB AIRPORT						.02	.01		.03	.05	.01	.01		.01											.14
CHICAGO WB CITY							.01		.01	.13	.06	.01													.22
COULTERVILLE																			.04						.04
CRETE										.01	.01	.03	.01	.03	.01										.10
EVANSTON PUMP STA		.01		.01	.01	.01	.01			.02	.01														.08
FREEPORT SEWAGE PLANT		.02		.01	.01																				.04
FULTON DAM 13						.01	.01																		.02
GOLCONDA DAM 51			.07	.19					.11	.14	.02	.01													.54
HUTSONVILLE	//	*	*	*	*	*	*	.12																	.20
ILLINOIS CITY DAM 16			.01	.01																					.02
JOLIET WB AIRPORT	6		*	*	*	*	*	.09	*	*	*	*	*	.03											-
KANKAKEE SEWAGE PLANT									.01																.01
KEWANEE BAKER PARK									.01	.03	.01														.05
LANARK			.03		.01	.01																			.05
LAWN RIDGE		.01	.01			.01	.02	.02	.50																.57
LOCKPORT POWER HOUSE					.01		.02																		.03
MC HENRY		.01	.04					.01	.06	.03															.15
MOLINE WB AIRPORT	//			.01				.01	.01			.01													.04
MT CARMEL WATER WORKS																.25	.40	.02							.67
PEORIA WB AIRPORT								.01																	.01
PRINCETON 1 S	//								.02	.03															.05
PROPHETSTOWN		.01	.01																						.02
ROCKFORD CAA	6	.05	*	*	*	*	*	.16																	-
SKOKIE N S TREAT WKS		.01		.01			.01			.01															.04
STICKNEY W SIDE TREAT						.01	.01		.02	.03	.03	.02	.01												.13
VANDALIA			.15			.01	.08	.17																	.41
WATERMAN	//	.04		.02	.04	.02																			.12
WENONA							.04	.04																	.05
														—21st—											
BEARDSTOWN LAGRANGE DAM	//								.03	.02															.05
CHICAGO MAYFAIR PUMP ST											.01														.01
EVANSTON PUMP STA						.01																			.01
LOCKPORT POWER HOUSE									.01																.01
														—23d—											
CAIRO WB CITY			.01		.04	.21	.63	.09	.10																1.08
GALATIA 1W																.12									.12
GLENDALE EXP FARM							.02	.03	.03																.08
HOOPESTON																								.01	.32	.33
HUDSON LK BLOOMINGTON								.02																		.02
HUTSONVILLE	//																1.08	.20	.03							1.31
LOUISVILLE														.04	.11	.04										.19
MASON CITY																		.04							.06	.10
MT CARMEL WATER WORKS																		1.38	.17	.05						1.60
NEWTON														.01	.10											.11
RICHVIEW															.10											.10
ROCKFORD CAA	6								*	*	*	*	*	.12	*	*	*	*	*	.88						-
SPRINGFIELD WB AIRPORT	//																								.44	.44
SPRINGFIELD WB CITY																									.38	.38
														—24th—											
BELVIDERE SEWAGE PLANT		.37	.18																							.55
DOWNS 2 NE		.01	.01	.01																						.03
FARMER CITY															.49	.04										.53
HOOPESTON		.01																								.01
MC HENRY		.15	.28	.32																						.75
RANTOUL CHANUTE AF BASE	//				.02			.02																		.04
SPRINGFIELD WB AIRPORT	//	.09																								.09
SPRINGFIELD WB CITY		.32																								.32
SULLIVAN WATER WORKS	//				.08																					.08
														—25th—											
CAIRO WB CITY																			.01	.22	.06	.08	.05			.42
CHICAGO WB AIRPORT																	.10									.10
CISNE BROWN CAMP																									.03	.03
COULTERVILLE																						.04				.04
EFFINGHAM CAA	//																								.02	.02
GALATIA 1W																									.04	.04
GLENDALE EXP FARM																					.16	.14	.02	.04		.36
GOLCONDA DAM 51																					.18	.07	.02	.03		.30
GREENFIELD																						.02	.01		.03	.06
JACKSONVILLE SEWAGE PL																								.01	.02	.03
LOUISVILLE																									.06	.06
MT CARMEL WATER WORKS																									.05	.05
MURPHYSBORO WATER WORKS	//																			.01	.02		.01			.04
QUINCY CAA	6														*	*	*	*	*	.02	*	*	*	*	*	-

See reference notes following Station Index.

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RICHVIEW																						.01	.01	.02		.04
SPRINGFIELD WB AIRPORT	//																								.01	.01
SPRINGFIELD WB CITY																									.01	.01
SULLIVAN WATER WORKS	//																							.01	.01	.02
VANDALIA																									.01	.01
—26th—																										
BELLEVILLE SCOTT AF BSE	//		.34	.06	.07	.01																				.48
BRADFORD CAA	6														*	*	*	*	*	.08						-
CAIRO WB CITY				.01	.02																					.03
CARPENTER 1 SW				.07	.16	.07	.03	.02																		.35
CHICAGO CAL TREAT WKS																.09	.07	.02								.18
CHICAGO ROSELAND PUMP																.18	.07	.02								.27
CHICAGO SAN DIST DISPAT															2.20	.15	.04									2.39
CHICAGO SAN DIST OFF															.02											.02
CHICAGO S FILTER PL																.01										.01
CHICAGO SPRINGFLD PUMP															.32											.32
CHICAGO UNIVERSITY											.02	.01				.16	.03									.22
CHICAGO WB AIRPORT											.02	.01				.77	.47									1.27
CHICAGO WB CITY															.02											.02
CISNE BROWN CAMP			.01	.13	.09	.08	.08	.08																		.47
COLLINSVILLE			.21	.34	.11	.05	.01	.02	.02																	.76
COULTERVILLE			.02	.07	.07																					.16
DIONA		.01	.04	.01	.04	.05	.04	.01																		.20
EFFINGHAM CAA	//	.03	.04	.01	.21	.17	.02		.02																	.50
FREEPORT SEWAGE PLANT																		.10								.10
GALATIA 1W		.03	.01	.07	.07	.04	.06	.04	.04	.01																.37
GLENDALE EXP FARM			.02	.04	.01																					.07
GOLCONDA DAM 51		.01	.03	.01																						.05
GREENFIELD		.04	.06	.09	.10	.01		.02																		.32
HUTSONVILLE	//									.09	.04	.01														.14
JACKSONVILLE SEWAGE PL		.01	.01	.01																						.03
JOLIET WB AIRPORT	6														*	*	*	*	*	.26						-
LOCKPORT POWER HOUSE																.01										.01
LOUISVILLE		.01	.01	.03	.05	.06	.11	.08																		.35
MORRISONVILLE			.15	.35	.29	.12	.03	.05	.01																	1.00
MT CARMEL WATER WORKS		.01	.04	.01	.07	.07	.01	.04	.05	.02																.32
MURPHYSBORO WATER WORKS	//		.01	.04																						.05
NEWTON			.01	.04		.01	.01	.03	.02	.01	.01	.01														.15
PITTSFIELD WATER WORKS																	.01	.01								.02
PRAIRIE DU ROCHER W WKS			.01	.01	.08																					.10
QUINCY CAA	6	.01																								-
RICHVIEW		.01		.15	.25	.30	.05	.05																		.81
SPRINGFIELD WB AIRPORT	//		.01																							.01
SPRINGFIELD WB CITY		.01	.01																							.02
STICKNEY W SIDE TREAT															.35	.62	.16									1.13
SULLIVAN WATER WORKS	//		.03	.09	.10	.10	.02	.02	.01																	.37
VANDALIA		.01	.02	.07	.11	.25	.07	.06	.01		.01	.01														.62
WEST FRANKFORT 8 E									.02	.05	.08	.14	.05	.43	.05	.05										.87
—27th—																										
CHICAGO LOYOLA UNIV														.02	.10											.12
CHICAGO N BRA PUMP STA																					.01					.01
DANVILLE HOSPITAL																	.59	.11								.70
DWIGHT STATE REFORM																		.05								.05
EVANSTON PUMP STA																				.01						.01
FAIRBURY WATER WORKS	//															.06	.02	1.49	.08							1.65
FULTON DAM 13														.04	.01	.03	.02									.10
JOLIET WB AIRPORT	6														*	*	*	*	*	.01	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																				.01	.01					.02
LANARK																.15										.15
LOCKPORT LOCK AND DAM																				.40						.40
LOCKPORT POWER HOUSE																.01				.43						.44
ROCKFORD CAA	6														*	*	*	*	*	.02						-
URBANA EXP FARM															.38											.38
WASHINGTON															.11											.11
—28th—																										
CHICAGO LAKEVIEW PUMP											.01															.01
DIONA																.13	.02	.01								.16
DWIGHT STATE REFORM																						.01		.01	.01	.03
EFFINGHAM CAA	//																.02	.01								.03
JOLIET WB AIRPORT	6	.02																								-
PEORIA LOCK AND DAM	//																.33	.01								.34
PEORIA WB AIRPORT																	.06									.06
PITTSFIELD WATER WORKS															.57	.01										.58
—29th—																										
DWIGHT STATE REFORM		.01																								.01
—30th—																										
ALEXIS WATER WORKS																		.12	.18							.30
AUGUSTA HIGH SCHOOL																.03	.46		.48	.02						.99
BELVIDERE SEWAGE PLANT																	.53	.03		.03	.07	.17	.37			1.20
CAIRO WB CITY																				.14						.14
CHICAGO LOYOLA UNIV															.03											.03
CHICAGO MAYFAIR PUMP ST														.01	.01											.02
CHICAGO ROSELAND PUMP										.06																.06
CHICAGO SPRINGFLD PUMP														.01	.01									.01		.03
COULTERVILLE																				.23	.07					.30
EVANSTON PUMP STA																.03										.03
FREEPORT SEWAGE PLANT																.04	.10			.65	*	*	*	*	.40	1.19
FULTON DAM 13																				.39	.81	.09	.01			1.30
GALATIA 1W																					.10	.01	.04			.15
GLENDALE EXP FARM																						.13	.02			.15
HUTSONVILLE	//																	.10				.01	.10			.21
ILLINOIS CITY DAM 16																	.10									.10
LANARK																				.42	.06	.03	.02			.53
MC HENRY			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOLINE WB AIRPORT	/																						.03			.03
OREGON																						.10	.04	.01		.15
PITTSFIELD WATER WORKS											.02															.02
PROPHETSTOWN																						.06	.09			.15
QUINCY CAA	6														*	*	*	*	*	.26						-
QUINCY DAM 21															.30			1.02								1.32
ROCKFORD CAA	6														*	*	*	*	*	.20	*	*	*	*	*	-
SKOKIE N S TREAT WKS															.08											.08
—31st—																										
ALEXIS WATER WORKS																								.17		.17
BEARDSTOWN LAGRANGE DAM	//																		.02	.11	.01					.14

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BELLEVILLE SCOTT AF BSE	//										.06									.02						.08
CAIRO WB CITY										.02												.01				.03
CARPENTER 1 SW																		.22								.22
CHICAGO CAL TREAT WKS						.01				.10									.02			.15				.28
CHICAGO LAKEVIEW PUMP																.28			.03	.33						.64
CHICAGO LOYOLA UNIV												.01	.01	.16		.29			.16	.53						1.16
CHICAGO MAYFAIR PUMP ST																.07		.01		.11	.20					.39
CHICAGO N BRA PUMP STA														.05		.27			.01	.16						.49
CHICAGO ROSELAND PUMP										.01					.03	.01			.10			.21				.36
CHICAGO SAN DIST DISPAT														.06				.05	.48		.66	.09				1.34
CHICAGO SAN DIST OFF																		.10	.31	.01	.66	.03				1.11
CHICAGO S FILTER PL										.02									.23		.20	.50				.95
CHICAGO SPRINGFLD PUMP														.01		.13		.16	.01	.31	.21	.01				.84
CHICAGO UNIVERSITY																			.31	.02	.31	.29				.93
CHICAGO WB AIRPORT																		.06	.01			.90				.97
CHICAGO WB CITY																		.15	.26	.02	.55	.02				1.00
COULTERVILLE										.11			.02						.17	.11						.41
CRETE										.29	.01															.30
DOUGLAS																.20	.02									.22
DOWNS 2 NE		.02	.01																							.03
EFFINGHAM CAA	//																		.86	.02						.88
EVANSTON PUMP STA																		.07	.75	.72						1.54
FULTON DAM 13																							.29	.08		.37
GALATIA 1W									.04	.01	.05		.25	.02	.02	.01			.24	.01	.28	.02				.95
GLENDALE EXP FARM			.10	.02					.04	.05	.03	.05										.03	.02			.34
GOLCONDA DAM 51		.01	.04								.17	.29	.03													.54
HOOPESTON											.07															.07
JOLIET WB AIRPORT	6								*	*	*	*	*	.01												-
LANARK																								.18		.18
LOCKPORT LOCK AND DAM								.04																		.04
LOCKPORT POWER HOUSE								.04																		.04
LOUISVILLE													.02	.01	.01			.08	.49	.05						.66
MARIETTA																					.10					.10
MC HENRY		*	*	*	*	*	*	*	.20	.07	.23															.50
MOLINE WB AIRPORT	//																						.10	.32		.42
MT CARMEL WATER WORKS							.19		.01					.05						.01		.60				.86
MURPHYSBORO WATER WORKS	//						.01	.04	.04	.01	.04	.18	.03													.35
NEWTON																			.52	.22						.74
PITTSFIELD WATER WORKS																	.15									.15
PRAIRIE DU ROCHER W WKS											.05	.10	.05													.20
PROPHETSTOWN																								.15		.15
RICHVIEW											.30		.01						.37	.02						.70
ROCKFORD CAA	6	.42																								-
SKOKIE N S TREAT WKS												.10	.07					.01	.88	.40						1.46
STICKNEY W SIDE TREAT														.01				.02	.09			.62				.74
VANDALIA																			.15							.15
WEST FRANKFORT 8 E														.18	.02	.02	.02	.04	.02						.59	.89

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	83	84	80	82	79	80	83	84	85	85	89	89	73	80	86	84	81	82	81	70	77	80	82	80	75	83	85	89	88	88	86	82.4
	MIN	52	62	63	60	58	58	56	59	66	63	64	[illegible]	55	50	58	[illegible]	68	60	70	58	53	59	62	61	57	59	63	64	65	66	70	61.1
ALTON DAM 26	MAX	87	90	88	92	88	86	86	86	90	90	96	98	80	86	90	87	89	88	86	70	74	86	91	86	88	87	90	92	92	90	88	87.6
	MIN	58	70	66	66	62	60	58	60	60	62	60	68	60	52	60	70	68	67	70	62	62	64	70	66	60	60	62	62	64	68	72	63.5
ANNA 1NW	MAX	88	87	90	81	85	85	84	84	89	88	91	92	85	85	88	88	87	81	90	83	76	78	80	89	89	79	83	85	88	85	85	85.4
	MIN	57	68	64	66	66	61	56	57	57	56	61	63	69	53	56	70	67	[illegible]	70	67	62	64	66	65	61	65	60	62	65	65	71	63.2
ANTIOCH	MAX	73	72	77			75	80	81	82	84	87	88	78	77	83	83	85	78	69	66	75	78	81	76	79	81	83	84	86	87	82	79.7
	MIN	50	62	51			55	56	56	58	62	61	68	57	50	55	61	65	58	61	55	49	55	60	59	58	60	61	62	64	65	68	58.7
AURORA COLLEGE	MAX	80	84	76	83	80	80	83	85	87	88	88	90	81	78	85	88	79	81	80	76	78	80	83	80	81	85	86	88	88	88	86	83.1
	MIN	45	62	54	60	60	51	52	53	58	64	59	63	60	46	53	62	66	59	60	58	50	53	59	58	53	57	57	59	58	62	68	57.4
BELLEVILLE SCOTT AF	MAX	87	89	87	85	83	82	83	86	87	89	92	92	84	83	91	87	87	83	87	80	73	87	89	87	85	79	85	87	91	89	89	86.0
	MIN	60	70	70	68	64	63	61	61	60	64	64	66	60	53	58	71	71	68	72	63	64	67	69	66	62	64	62	63	63	67	72	64.7
BLOOMINGTON NORMAL	MAX	84	85	81	85	78	80	81	84	85	86	89	92	92	80	87	85	81	84	82	80	78	81	85	83	81	83	85	87	89	89	88	84.2
	MIN	55	68	62	65	61	56	53	58	59	62	62	70	63	50	57	70	68	64	68	60	59	58	62	63	57	63	64	62	64	69	71	62.0
CAIRO WB CITY	MAX	87	93	89	81	86	85	83	82	87	87	89	88	83	83	86	89	88	86	91	82	74	78	84	89	89	80	84	86	89	86	87	85.5
	MIN	65	72	70	71	71	68	66	64	66	65	68	71	67	61	66	70	71	71	72	65	64	66	69	70	70	71	68	68	70	73	76	68.5
CARBONDALE SEWAGE PL	MAX	90	89	91	82	85	85	84	84	87	89	91	90	84	85	89	89	89	86	90	82	77	83	82	88	89	81	85	89	89	87	85	86.3
	MIN	54	67	64	63	67	61	57	54	56	56	59	62	70	50	54	71	68	69	69	57	64	65	68	65	60	66	59	59	62	64	73	62.4
CARLINVILLE 4E	MAX	85	86	84	89	81	81	81	83	87	88	90	92	83	80	88	87	87	88	86	79	75	83	86	84	85	81	85	87	89	88	89	85.1
	MIN	50	68	61	65	56	57	55	55	52	57	60	61	63	45	51	67	77	63	65	58	59	62	61	64	52	60	60	63	57	62	71	59.9
CARLYLE	MAX	88	88	87	84	81	80	81	83	87	88	91	92	82	82	91	89	90	84	88	82	75	84	81	87	84	77	83	84	88	89	87	85.1
	MIN	59	70	68	67	63	60	58	59	61	60	63	65	68	51	58	70	70	68	68	62	62	65	64	61	58	62	60	63	63	67	72	63.4
CHARLESTON	MAX	84	85	83			81	83	84	87	88	90	90	90	81	86	86	87	85	87	85	80	85	85	86	84	83	88	86	89	89		85.6
	MIN	55	65	59			57	53	57	60	60	63	65	61	49	55	66	68	67	68	60	62	60	62	65	58	62	61	61	63	66		61.0
CHICAGO HEIGHTS	MAX	81		82	79	80	75	83	86	86	86	89	92	82	79	85	85	75	79	79	75	78	81	84	81	82	83	86	89	90	89	89	83.0
	MIN	48		52	65	59	54	50	50	57	52	[illegible]	67	61	52	54	68	66	60	62	61	51	61	59	62	56	60	58	62	62	65	69	58.7
CHICAGO UNIVERSITY	MAX	79	77	75	75	73	70	79	80	82	83	89	90	72	77	84	85	78	72	75	65	72	77	83	80	80	79	82	80	86	88	85	79.2
	MIN	54	57	60	64	62	60	59	62	66	68	[illegible]	71	62	57	61	66	69	65	65	61	60	59	64	64	62	66	65	67	68	72	72	63.7
CHICAGO WB AIRPORT	MAX	84	80	76	80	80	76	83	87	89	88	92	93	74	81	87	86	80	80	78	65	79	82	86	81	83	83	86	87	90	90	86	83.0
	MIN	51	58	56	63	61	58	58	58	63	66	63	67	59	53	58	67	67	63	65	58	54	58	64	63	59	63	62	66	66	68	70	61.5
CHICAGO WB CITY	MAX	81	81	77	76	76	70	80	81	82	84	86	92	75	80	86	85	79	74	73	64	72	76	82	81	83	79	85	85	91	90	87	80.4
	MIN	57	57	60	66	65	63	64	68	69	71	72	73	63	60	65	66	70	67	63	60	64	65	70	66	65	68	68	70	73	75	74	66.4
CICERO	MAX	81	84	77	83	82	78	82	86	87	88	91	93	81	80	87	85	78	78	76	73	78	80	86	82	85	84	86	89	91	90	87	83.5
	MIN	50	62	57	62	62	56	56	57	63	68	63	67	62	52	57	65	68	62	67	60	53	56	62	63	58	62	60	64	65	67	71	61.2
DANVILLE	MAX	85	84	76	90	81	80	81	86	86	90	90	92	77	79	85	85	89	88	83	76	77	84	86	86	81	81	87	88	90	89	90	84.6
	MIN	48	65	62	68	63	53	48	54	59	58	58	64	61	48	55	67	67	65	69	64	59	56	57	61	66	57	65	61	59	62	65	60.6
DECATUR	MAX	86	83	79	87	78	82	84	85	87	87	90	92	80	81	89	82	85	88	83	74	81	82	86	84	80	80	86	88	90	90	82	84.2
	MIN	54	67	64	[illegible]	59	55	53	59	59	64	66	67	65	50	51	69	68	66	70	62	60	61	64	65	57	61	61	61	64	64	71	62.0
DIXON	MAX	81	84	79	82	80	78	83	84	86	87	88	90	78	79	86	85	79	82	79	73	77	81	82	79	79	85	86	87	88	88	84	82.5
	MIN	50	57	57	59	58	51	52	56	57	60	58	65	55	46	56	63	67	56	63	58	48	54	59	58	55	58	59	59	60	64	68	57.6
DU QUOIN	MAX	90	88	89	86	86	84	85	92	90	92	93	92	85	87	80	90	90	81	91	81	74	82	80	88	88	80	84	90	89	87	82	86.3
	MIN	58	60	68	68	65	62	61	60	60	61	61	66	69	54	54	64	69	70	71	68	64	65	67	66	61	65	61	61	65	68	68	63.2
EAST ST LOUIS	MAX	99	92	89	91	84	85	86	87	90	91	93	94	88	84	92	89	91	87	90	87	74	84	85	90	86	87	85	88	92	90	93	88.2
	MIN	59	71	71	69	61	63	61	60	60	62	63	68	71	52	60	71	70	[illegible]	73	64	63	67	64	67	61	60	62	62	64	68	73	64.8
EFFINGHAM CAA	MAX	83	83	83	84	81	80	80	81	84	85	87	89	76	79	86	84	87	82	85	70	78	81	81	85	82	80	83	86	88	88	86	82.8
	MIN	55	67	63	67	62	59	54	56	59	59	62	64	53	48	52	67	68	66	66	59	62	61	63	60	56	61	58	59	60	64	69	60.6
ELIZABETHTOWN	MAX	87	87	88	81	86	84	84	85	88	87	90	90	84	83			88	85	88	82	77	83	82	88	88	84	84	87	85	87	85	85.4
	MIN	58	61	62	66	69	64	62	[illegible]	61	57	63	66	72	54			67	68	70	70	61	61	68	67	62	64	61	61	62	66	72	63.9
FAIRFIELD	MAX	82	86	90	82	83	83	85									90	89	83	80	85	81	82	82	90	84	79			86	86	82	
	MIN	55	67	69	67	64	63	58										65	68	70	[illegible]	64	64	65	66	60	66			65	66	73	
FLORA	MAX	86	87	88	91	85	81	82	83	87	87	91	92	86	83	90	87	90	81	90	85	79	82	80	87	85	80	85	88	90	90	85	85.9
	MIN	56	67	67	67	65	67	56	65	59	62	63	65	66	51	53	68	70	68	69	62	62	65	64	67	59	62	65	63	61	65	73	63.6
FREEPORT	MAX	80	81	79	81	78	80	83	84	84	85	86	88	71	77	83	79	80	82	73	71	78	81	80	78	79	85	87	88	88	89	84	81.4
	MIN	51	57	54	57	57	50	51	55	54	59	57	65	54	44	57	61	65	55	61	56	49	55	53	56	54	57	55	58	59	62	63	56.2
FULTON DAM 13	MAX	82	80	81	81	77	78	86	83	86	86	87	87	72	78	84	81	81	79	79	71	77	82	80	77	77	86	84	87	87	87	86	81.6
	MIN	53	64	59	63	59	58	56	59	60	64	63	69	58	50	58	64	67	65	63	59	56	59	61	64	61	60	64	61	63	65	68	61.1
GALESBURG	MAX	83	88	80	85	82	84	84	85	86	87	89	92	75	81	87	81	81	82	80	67	78	82	84	82	77	83	86	90	89	89	84	83.3
	MIN	57	68	64	62	61	57	58	63	62	68	68	70	56	50	60	70	66	63	65	57	54	59	[illegible]	61	59	64	65	68	66	70	72	62.9
GALVA	MAX	85	84	80	83	80	80	83	84	87	85	89	90	90	80	88	85	81	83	81	77	77	80	84	80	77	85	86	89	88	89	84	83.7
	MIN	50	63	59	60	57	57	55	57	60	63	63	66	66	48	54	67	[illegible]	60	69	57	53	58	63	60	56	60	63	63	64	64	68	60.3
GOLCONDA DAM 51	MAX	85	88	88	85	84	81	80	82	86	82	88	88	80	82	84	86	[illegible]	80	90	82	75	81	81	88	84	78	83	87	88	85	84	84.2
	MIN	60	72	67	67	67	68	62	60	63	62	64	67	63	57	60	66	69	68	70	60	59	62	67	66	68	63	61	63	64	67	72	64.6
GREENVILLE	MAX	85	84	83	82	80	85	79	81	84	85	88	89	82	78	86	85	86	81	85	80	77	79	79	83	82	76	81	83	85	85	84	82.6
	MIN	58	67	66	66	62	60	59	61	61											61	62	65	63	66	59	61	62	63	65	66	71	
GRIGGSVILLE	MAX	86	86	85	85	82	82	82	85	87	87	92	95	88	84	90	88	84	86	85	76	72	84	86	84	82	84	86	88	91	85	85	85.2
	MIN	54	64	64	63	56	56	55	55	56	59	60	64	58	53	54	[illegible]	66	62	66	51	58	61	59	61	59	58	61	61	64	56	58	59.4
HARRISBURG	MAX	90	88	92	82	86	84	84	86	87	89	91	92	84	84	90	90	89	84	91	84	79	81	84	90	87	78	84	87	90	91	87	86.6
	MIN	64	58	64	[illegible]	64	58	58	56	56	57	62	69	68	50	54	70	68	69	69	68	64	62	68	66	61	64	60	62	64	65	74	63.2
HAVANA	MAX	86	85	81	84	78	80	82	85	87	88	91	93	87	81	88	81	78	85	81	76	76	81	86	81	81	83	85	88	89	90	83	83.9
	MIN	51	69	65	64	63	57	55	56	58	62	65	64	62	50	57	72	70	65	70	62	62	61	63	65	59	65	63	63	64	67	71	62.6
HENRY	MAX	85	88	80	87	84	88	86	86	87	86	90	91	82	82	87	83	81	85	83	77	82	82	83	82	76	85	83	87	88	88	83	84.4
	MIN	53	68	62	63	63	55	53	56	58	65	62	69	60	49	57	71	69	63	70	62	55	58	64	62	57	59	63	62	62	67	72	61.6
HILLSBORO	MAX	84	83	82	87	80	80	81	83	83	82	89	91	85	81	89	85	81	85	85	81	74	83	82	85	82	80	84	88	88	86	86	83.7
	MIN	53	66	66	66	60	58	56	57	57	61	62	64	64	49	55	68	69	65	70	58	60	62	61	65	56	60	60	60	61	64	70	61.4
HOOPESTON	MAX	83	81	75	86	81	80	82	84	86	88	90	90	82	79	85	84	85	83	82	76	78	82	84	83	81	84	85	86	88	87	84	83.4
	MIN	51	65	63	65	59	53	48	56	61	63	59	63	64	48	56	67	68	65	69	62	59	60	62	65	56	63	61	62	61	64	70	60.9
JACKSONVILLE	MAX	82	84	82	86	81	81	88	85	86	86	92	94	85	83	88	85	83	88	85	79	73	80	86	84	80	82	85	88	91	89	81	84.6
	MIN	52	66	66	65	58	59	56	56	57	61	63	64	63	48	57	70	70	63	70	60	61	64	63	63	55	61	59	59	60	67	69	61.5

See reference notes following Station Index

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE	MAX	87	88	88	91	85	85	85	85	86	86	92	95	95	82	90	90	87	86	85	85	76	83	87	85	86	81	86	88	91	93	89	87.1
	MIN	56	65	63	70						60	62	65	65	53	59	71	70	66	74	59	61	65	67	69	60	61	60	63	64	67	71	64.1
JOLIET WB AIRPORT	MAX	82	83	74	85	82	77	82	87	88	89	90	93	74	80	87	85	75	83	80	68	78	81	84	81	80	86	86	89	90	88	87	83.1
	MIN	47	57	56	60	57	53	53	54	58	64	60	64	53	49	54	68	66	60	68	55	52	55	61	58	54	59	59	61	61	64	70	58.4
[illegible]	MAX	79	84	79	84	80	81	83	84	85	84	88	90	86	78	84	82	78	85	79	78	79	80	82	82	80	83	85	86	87	87	84	82.8
	MIN	50	65	58	63	60	56	52	54	60	62	58	65	68	53	56	70	68	63	65	62	55	56	63	62	58	62	61	61	64	65	71	60.8
KANKAKEE 4 W	MAX	81	83	78	83	80	77	81	84	86	87	88	90	80	77	84	82	78	81	78	77	78	79	82	81	78	83	83	85	87	86	85	82.0
	MIN	47	64	56	60	58	53	50	51	58	61	58	63	62	49	53	68	67	62	67	61	54	55	61	64	56	61	58	58	62	63	70	59.0
KEWANEE	MAX	76	82	81	83	78	80	83	84	87	85	89	91	90	80	86	85	81	83	82	78	80	80	87	83	74	85	86	89	88	89	84	83.6
	MIN	48	60	61	63	58	55	52	57	60	63	63	66	66	48	54	67	66	60	69	57	58	58	63	62	59	60	63	63	64	64	68	60.5
LA HARPE 1SW	MAX	81	88	82	82	81	80	84	84	85	85	88	90	81	80	87	85	84	85	81	74	77	84	85	85	80	85		88	89	88	83	83.7
	MIN	49	65	64	60	58	54	55	65	57	60	59	65	57	47	55	67	68	63	70	59	57	61	61	60	55	59		60	61	66	69	60.2
LA SALLE	MAX	84	86	78	85	81	82	87	89	91	91	90	94	79	80	91	85	81	87	83	76	82	84	86	82	78	87	85	91	91	92	87	85.4
	MIN	51	66	59	58	62	54	53	54	58	61	62	67	61	47	57	66	68	60	66	60	52	55	64	64	57	60	61	61	62	67	72	60.2
LINCOLN	MAX	87	85	81	87	80	81	83	85	87	86	90	92	84	82	88	83	84	86	84	77	79	83	87	84	81	84	87	90	90	90	85	85.0
	MIN	51	67	65	64	58	56	52	57	59	63	65	66	64	49	56	69	68	64	69	61	61	59	62	64	62	62	61	61	63	66	70	61.7
MARENGO	MAX	78	82	78	81	78	82	86	87	87	90	89	90	73	81	87	84	78	83	77	69	81	81	83	78	79	85	85	89	89	89	84	82.7
	MIN	46	60	50	58	56	51	55	51	53	60	58	64	55	43	54	61	65	56	61	55	43	51	57	56	57	59	57	59	61	62	65	56.1
MATTOON	MAX	83	82	84	84	83	79	79	82	85	86	87	89	75	88	85	82	87	83	85	69	77	79	83	83	81	80	84	85	88	88	86	82.9
	MIN	55	62	64	67	64	61	56	58	61	63	63	66	58	50	56	67	69	67	68	56	63	61	62	62	57	61	60	65	63	67	70	62.0
MC LEANSBORO	MAX	88	86	90	85	88	86	84	86	88	89	91	91	87	84	90	88	90	84	91	86	80	82	83	90	89	86	85	87	90	89	84	87.0
	MIN	56	67	65	67	68	63	59	57	62	60	63	65	68	52	55	68	67	69	69	67	63	62	67	67	61	64	61	62	63	65	73	63.7
MINONK	MAX	84	85	84	85	79	80	83	85	87	88	91	93	88	82	88	84	78	85	82	78	78	82	85	83	80	86	87	89	90	89	89	84.7
	MIN	52	64	58	60	60	54	68	70	59	60	61	64	59	51	53	62	64	61	62	61	55	57	65	63	57	59	68	60	62	64	68	60.7
MOLINE WB AIRPORT	MAX	85	83	78	81	77	78	84	84	86	85	89	90	72	80	88	83	82	82	81	70	77	80	82	78	76	83	86	88	89	90	88	82.4
	MIN	52	64	63	62	58	56	53	57	60	64	61	66	55	49	59	69	66	58	61	57	51	61	61	60	56	59	60	62	62	65	66	59.8
MONMOUTH AIRPORT	MAX	83	85	79	81	78	80	83	83	85	85	88	90	74	78	87	84	80	80	80	75	76	81	83	79	78	84	85	88	89	88	84	82.4
	MIN	49	64	61	61	56	50	52	53	54	56	60	62	56	54	53	54	65	57	57	57	49	55	60	58	52	57	61	60	67	65	68	57.5
MORRIS 3 NE	MAX	82	85	83	83	82	79	82	85	86	88	90	92	89	78	85	82	80	82	80	79	78	81	84	81	78	84	84	87	88	88	85	83.5
	MIN	47	64	55	61	62	53	52	52	56	59	58	65	60	58	60	50	67	61	67	60	52	54	61	63	57	59	60	62	62	66	71	59.2
MORRISON	MAX	75	86	81	83	80	83	85	87	88	89	92	90	75	81	88	82	83	82	80	72	79	82	83	81	77	85	86	89	90	90	88	83.6
	MIN	51	61	58	61	64	55	54	56	58	66	61	67	56	48	57	64	67	66	64	57	53	59	61	60	57	60	61	60	62	66	68	59.8
MORRISONVILLE 1 E	MAX	85	80	83	82	77	80	80	82	85	84	88	90	78	79	86	84	87	85	85	75	77	89	85	84	82	80	85	87	88	87	84	83.3
	MIN	56	64	67	62	64	60	57	58	59	65	63	65	64	60	58	69	70	66	70	58	60	71	61	65	63	56	60	61	82	66	71	62.9
MT CARMEL	MAX	87		89	89	88			89	90	89	90	90	88	88	88	90	90	88	90	87	86	86	84	88	88	90	89	89	89	88.2
	MIN		70						67				74	74	64	64	68		70	70		72	70	71	67	72	70	68	68	66	70	72	
MOUNT CARROLL	MAX	82	82	80	80	77	79	84	84	85	86	88	87	77	78	84	80	81	80	77	74	77	80	80	78	77	83	83	88	87	89	85	81.7
	MIN	50	59	57	61	58	51	52	52	55	62	59	70	60	44	59	62	67	55	63	57	49	54	54	59	54	56	57	57	59	61	66	57.4
MT VERNON	MAX	89	88	89	86	88	86	85	87	90	91	94	92	82	85	93	89	90	83	90	85	80	85	79	88	89	81	86	90	91	89	85	87.3
	MIN	60	65	67	67	67	64	60	60	63	63	64	66	67	53	57	70	70	70	70	65	64	65	66	66	61	63	63	64	65	66	75	64.7
NEW BURNSIDE	MAX	88	84	89	77	84	82	82	81	87	87	90	89	81	82	89	86	85	80	88	81	75	78	80	85	87	78	81	85	89	87	82	83.9
	MIN	55	66	61	66	67	59	56	53	56	54	59	63	70	48	59	68	66	68	70	67	62	63	65	64	59	64	57	61	63	67	70	62.1
NEWTON	MAX	85	88	85	86	84	83	84	85	88	89	91	92	82	84	90	86	90	83	89	85	82	84	83	88	86	82	87	89	92	90	89	86.5
	MIN	53	63	65	66	64	57	53	55	57	58	62	62	64	46	51	66	69	67	68	59	62	62	61	62	54	63	56	58	58	61	71	60.4
OLNEY RADIO STA	MAX	86	85	85	85	86	82	83	85	90	89	91	92	83	83	89	87	89	85	89	84	79	85	82	86	85	79	86	86	91	86	85	85.8
	MIN	55	66	67	66	66	61	52	55	60	61	65	64	64	48	53	68	70	68	69	64	63	63	64	66	55	64	58	60	60	64	73	62.4
OTTAWA	MAX	83	88	78	87	90	82	85	87	88	88	90	92	82	84	87	83	77	83	86	75	80	87	89	87	87	87	88	93	92	89	85	85.8
	MIN	51	64	59	62	56	54	54	56	59	65	63	67	61	50	57	67	69	62	67	60	53	64	64	58	61	63	63	64	63	67	73	61.2
PALESTINE	MAX	85	88	88	85	86	82	83	84	89	88	91	93	80	83	90	90	91	81	80	76	85	83	84	87	84	87	87	88	90	91	88	86.0
	MIN	55	66	65	66	68	58	55	54	57	58	62	70	58	48	54	67	69	68	68	63	64	62	64	63	57	64	59	61	61	65	73	62.0
PANA	MAX	87	86	85	90	79	82	83	85	89	89	93	93	78	80	89	88	90	88	88	76	80	85	88	88	85	81	88	88	91	94	89	86.3
	MIN	54	66	65	67	61	59	56	60	60	62	64	65	65	51	55	68	69	67	70	58	60	61	62	65	59	60	61	62	64	65	72	62.4
PARIS WATER WORKS	MAX	83	82	80	85	80	81	83	85	88	88	89	90	81	80	86	85	88	85	85	75	81	83	84	85	85	83	85	86	88	89	85	84.3
	MIN	55	64	64	66	63	57	53	56	58	60	62	66	62	49	55	65	67	66	68	59	59	58	63	65	56	62	60	60	62	67	71	61.2
PEORIA WB AIRPORT	MAX	83	86	80	84	78	81	83	85	86	85	89	92	74	80	87	80	79	84	81	65	80	81	84	80	79	83	85	86	88	88	82	82.5
	MIN	55	68	63	63	61	57	55	58	62	66	66	67	57	50	59	69	66	64	65	60	60	60	65	63	59	61	65	64	63	69	71	62.3
PONTIAC	MAX	80	83	83	83	83	79	81	82	84	85	86	89	84	78	84	83	78	81	78	77	78	79	81	80	77	81	83	84	86	86	82	81.9
	MIN	51	65	60	63	62	57	53	56	58	62	61	64	62	49	56	69	65	64	67	60	57	56	59	65	58	62	64	63	62	66	71	60.9
QUINCY	MAX	86	85	85	83	80	82	83	86	88	87	92	97	81	87	91	86	81	83	83	75	71	82	86	86	77	86	89	91	91	87	87	85.0
	MIN	60	69	60	64	62	57	59	61	64	66	65	69	59	52	62	72	68	65	69	60	61	64	62	64	59	60	63	64	64	71	72	63.5
QUINCY CAA	MAX	81	82	82	82	77	81	83	84	87	88	89	92	75	80	89	80	79	85	81	68	72	82	84	80	79	82	85	87	88	86	83	82.4
	MIN	53	64	63	61	59	57	55	55	58	60	61	67	58	47	57	69	66	63	59	57	60	62	61	60	56	58	62	62	64	65	69	60.3
RANTOUL CHANUTE AF	MAX	85	80	76	85	79	81	80	83	84	86	90	91	77	80	87	82	86	82	82	66	78	82	84	83	81	83	82	86	89	87	85	82.6
	MIN	53	63	64	66	63	61	60	64	62	65	66	65	60	52	55	67	70	67	66	62	61	62	65	65	63	67	65	66	66	69	72	63.6
ROBERTS 3 N	MAX	83	82	75	84	78	78	80	84	86	87	89	91	86	79	86	82	82	81	80	77	76	81	82	80	81	82	84	86	88	88	85	82.7
	MIN	49	65	59	63	58	55	52	56	58	61	60	63	62	47	52	68	71	65	69	60	64	56	63	65	57	65	63	61	65	66	70	60.9
ROCKFORD	MAX	78	82	79	83	80	80	86	86	87	90	90	92	75	80	87	85	79	82	78	74	79	82	84	87	81	86	87	90	90	90	85	83.7
	MIN	49	60	55	60	58	52	53	54	58	63	63	63	56	47	56	63	67	58	62	56	57	54	59	59	56	60	60	60	61	65	66	58.4
ROCKFORD CAA	MAX	78	80	80	81	79	79	84	84	87	87	88	91	72	79	86	83	80	81	78	69	78	80	80	78	80	84	87	89	90	90	85	82.2
	MIN	50	57	54	60	55	51	54	54	59	63	62	65	51	45	55	58	64	58	58	53	49	54	59	58	57	60	60	61	61	65	66	57.3
RUSHVILLE	MAX	84	85	83	85	79	84	83	86	87	88	91	92	84	81	89	84	81	86	83	76	75	82	87	82	83	86	88	91	90	92	82	84.8
	MIN	54	52	66	65	62	56	58	58	60	64	65	64	59	51	57	70	69	63	69	60	60	62	63	65	59	64	64	62	66	68	60	61.8
SPARTA	MAX	87	90	89	85	86	89	85	86	90	90	93	94	87	85	92	91	93	81	88	85	75	85	80	90	90	90	84	88	92	89	84	87.5
	MIN	57	63	66	65	62	62	60	59	57	58	62	63	69	51	55	69	63	68	70	65	63	65	66	66	60	63	62	62	65	64	71	62.9
SPRINGFIELD WB AIRPORT	MAX	84	82	81	83	75	79	81	83	85	86	88	90	75	79	87	81	85	85	82	66	77	82	84	81	80	80	84	87	88	88	82	82.3
	MIN	53	68	65	65	61	60	56	59	60	64	66	70	55	50	61	70	69	65	64	60	62	61	63	62	58	62	61	62	63	70	70	62.4
SPRINGFIELD WB CITY	MAX	87	83	82	87	77	81	83	83	86	87	90	94	78	82	89	83	88	87	86	68	77	82	86	85	81	82	86	87	90	89	84	84.2
	MIN	59	70	66	67	64	62	60	64	64	68	69	70	64	59	62	72	71	69	66	62	62	63	66	67	64	64	66	68	68	70	73	65.8

See reference notes following Station Index

DAILY TEMPERATURES

Table 5

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
STOCKTON	MAX	80	78	78	78	75	76	81	82	84	89	86	85	70	76	83	80	81	79	76	70	77	80	80	78	77	83	84	88	87	89	84	80.5
	MIN	51	58	55	59	55	53	54	59	55	58	58	67	52	46	56	60	65	58	60	55	48	55	59	58	57	58	62	59	64	66	62	57.5
SYCAMORE	MAX	81	83	80	82	79	79	85	86	88	89	90	91	76	81	87	84	80	83	79	66	80	83	85	78	81	84	86	88	89	89	88	83.2
	MIN	46	50	54	59	58	50	50	52	57	61	61	63	57	45	52	61	65	57	63	56	48	53	58	62	54	57	58	60	60	63	66	57.0
TABLE GROVE	MAX	83	85	82	82	77	80	84	85	87	87	89	92	75	80	89	82	79	84	82	73	75	82	85	80	80	83	85	88	90	90	81	83.1
	MIN	55	66	64	63	61	60	57	59	80	64	65	68	59	53	56	67	68	64	69	60	60	61	64	63	62	62	64	63	65	66	70	62.5
TUSCOLA	MAX	84	84	78	88	84	81	81	83	85	86	88	90	88	80	85	84	87	87	85	83	79	82	84	84	84	82	86	88	89	88	88	84.7
	MIN	56	66	64	67	61	55	50	56	60	64	62	65	64	50	56	66	69	66	69	62	60	61	64	65	66	62	61	63	63	64	65	62.0
URBANA	MAX	84	81	78	86	83	80	81	84	85	86	89	90	87	78	85	83	86	85	84	81	77	80	84	84	80	82	84	86	87	88	83	83.6
	MIN	54	66	64	65	60	57	52	58	61	64	62	66	65	50	56	67	70	66	69	61	59	60	64	66	59	67	64	64	63	66	70	62.4
VIRDEN	MAX	85	81	83	86	78	81	81	83	85	86	89	92	86	79	87	85	85	86	84	79	76	81	85	84	80	80	83	86	88	87	83	83.7
	MIN	54	67	66	65	58	57	57	59	60	64	65	65	65	49	56	69	69	65	68	58	60	63	64	63	56	60	62	61	64	65	70	62.1
WALNUT	MAX	84	85	82	84	80	81	84	87	89	89	90	92	80	81	89	83	80	84	80	79	79	84	84	80	79	86	88	90	90	90	87	84.5
	MIN	52	64	58	62	59	53	55	59	60	65	63	62	57	49	58	66	67	60	65	58	51	58	64	62	58	60	62	63	64	67	71	60.4
WATSEKA	MAX	81	82	75	85	79	78	82	85	86	88	89	91	84	80	86	84	84	84	80	75	78	81	83	83	82	84	86	86	90	88	86	83.4
	MIN	48	65	60	63	59	56	50	55	59	60	60	64	64	49	54	69	69	65	69	63	58	56	62	67	57	65	61	61	62	65	72	60.9
WAUKEGAN	MAX	73	74	77	76	79	75	79	79	82	85	85	90	77	79	89	85	79	78	68	65	76	78	82	78	79	80	87	[illegible]	90	89	87	80.3
	MIN	46	58	50	50	60	54	56	53	56	61	58	65	58	46	56	61	65	58	61	56	48	52	57	60	59	61	61	62	66	65	68	57.6
WHEATON COLLEGE	MAX	81	80	76	81	80	76	82	85	88	86	90	92	89	79	86	86	83		76	76	77	80	86	84	82	83	85					82.7
	MIN	48	61	63	63	59	52	53	54	58	60	59	64	59	47	53	64	67	59	64	58	51	56	64	60	56	56	59					58.0
WHITE HALL 1 E	MAX	85	85	83	85	83	81	81	83	86	83	91	94	92	82	90	90	84	88	87	85	72	84	87	85	84	83	85	87	90	90	87	85.7
	MIN	52	66	66	65	57	59	57	56	55	59	61	62	63	46	56	70	69	65	69	59	60	65	63	64	55	60	62	60	61	65	70	61.2
WINDSOR	MAX	85	84	83	86	80	80	80		85				90	80	87	85	88	85	88	84	78	80	84	84	83	80	85	86	88	88	88	84.2
	MIN	51	64	63	67	60	56	51		56				65	48	54	67	68	66	68	58	61	59	62	63	57	60	60	61	64	65	71	60.9

EVAPORATION AND WIND

Table 6

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
Carbondale Sewage Pl	EVAP	.21	.32	*	.43	.37	.19	.19	.34	.30	.22	.27	.29	.14	.29	.36	.47	*	.38	.02	.28	.24	.15	.07	.16	.29	.04	.19	.06	.27	*	.89	7.43
	WIND	49	50	55	69	26	10	30	20	29	11	20	20	50	30	14	101	175	80	60	60	44	6	12	22	18	18	14	6	10	29	101	1239
Springfield WB AP	EVAP	.38	-	-	-	.35	.24	.30	.27	.28	.34	.30	.33	.32	.45	.29	.42	.22	.19	.22	.25	.08	.15	.18	.24	.32	.16	.20	.27	.26	.30	.29	8.41B
	WIND	105	110	72	63	87	95	71	38	34	58	43	65	105	106	81	152	129	91	65	140	135	45	35	39	63	40	29	32	25	68	94	2315
Urbana Eng Campus	EVAP	.19	.20		.01	.24	.17	.19	.23	*	.40	.18	.21	.26	.24	.19	-	-	.12	.19	.12	.03	*	*	.50	.26	.09	.14	.12	.10	.23	.17	5.29B
	WIND	26	29	21	9	11	13	13	13	*	28	11	17	20	23	13	*	*	101	20	33	23	*	*	47	20	4	10	8	8	14	18	553

See reference notes following Station Index

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Albion	0055	Edwards	7	38 22	88 03	447		6P	Mrs. Bessie Ellen	3
Aledo	0072	Mercer	4	41 12	90 45	739	6P	6P	J. W. Parkinson	2 3 5
Alexis Water Works	0082	Warren	2	41 03	90 34	694		MID	Municipal Wtr. Wks	3 4
Alton Dam 26	0137	Madison	4	38 53	90 11	432	MID	7A	Corps of Engineers	2 3 5
Anna 1 NW	0187	Union	5	37 28	89 15	629	7P	7P	J. Bon Bartline	2 3 5 7
Annawan	0195	Henry	6	41 24	89 55	620		5P	Robert J. Pont	3
Antioch	0203	Lake	1	42 29	88 06	770	7P	7P	Roy I. Kufalk	2 3 5 7
Augusta High School	0330	Hancock	1	40 14	90 57	680		MID	Arthur L. Eicken	3 4
Aurora College	0338	Kane	1	41 45	88 20	744	7P	7P	Phy's Dept Aurora C	2 3 5 7
Barry	0445	Pike	4	39 41	91 03	640		5P	Wm. G. McNeal	3
Beardstown	0492	Cass	1	40 01	90 26	444		7A	Otto O. Swope	3
Beardstown Lagrange Dam	0497	Brown	1	39 56	90 32	434		MID	Corps of Engineers	3 4
Belleville Scott AF Base	0510	St. Clair	2	38 32	89 51	444	MID	MID	U.S. Air Force	2 3 4 5 7
Belvidere Sewage Plant	0583	Boone	6	42 16	88 52	778		MID	Edgar F. Bruns	3 4
Bentley	0598	Hancock	[illegible]	40 20	91 07	671		6P	Roy H. Gibbons	3
Benton	0608	Franklin	4	38 00	88 55	474		6P	Benton Water Dept.	3
Bloomington	0761	McLean	1	40 30	89 01			7A	C. C. Williams	3
Bloomington Normal	0766	McLean	1	40 30	89 00	830	8P	4P	Harry G. Johnson	2 3 5 7
Bluffs	0781	Scott	1	39 45	90 33	467		6P	Hugh Moore	3
Bradford CAA AP	0873	Bureau	1	41 13	89 37	795		MID	U.S.Civil Aero Adm	3 4
Brookport Dam 52	0993	[illegible]	5	37 08	88 39	335		6A	Corps of Engineers	3
Cairo WB City	1166	Alexander	4	37 00	89 10	314	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Camp Ellis	1230	Fulton	1	40 23	90 20	640		MID	Post Engr Wtr Supt	3 4
Canton	1250	Fulton	1	40 34	90 02	655		6P	Floyd D. Hammond	3
Carbondale Sewage Plant	1265	Jackson	[illegible]	37 44	89 12	420	7P	7A	Harold U. Hill	2 3 5 6
Carlinville 4 E	1280	Macoupin	1	39 17	89 49	627	6P	6P	Henry B. Boelting	2 3 5 7
Carlyle	1288	Clinton	2	38 36	89 22	461	7P	7P	Thomas A. Murphy	2 3 5
Carmi	1296	White	7	38 05	88 10	399		8P	J. A. Rickenbach	3
Carpenter 1 SW	1304	Madison	4	38 53	89 54	520		MID	U.S. Soil Cons. Ser.	3 4
Casey	1329	Clark	7	39 18	88 00	648		6P	Walter A. Newlin	3
Centralia 4 W	1386	Marion	2	38 31	89 12	494		6P	Edgar V. Cavanaugh	3
Chandlerville	1412	Cass	1	40 03	90 09	464		6P	W. D. Upp	3
Channahon Dresden Isld	1420	Grundy	[illegible]	41 24	88 17	510		7A	Corps of Engineers	3
Charleston	1436	Coles	7	39 30	88 11	686	6P	6P	William H. Dykes	2 3 5
Chenoa	1475	McLean	1	40 44	88 44	713		MID	Mrs. Susan Jeffers	3
Chester	1491	Randolph	4	37 54	89 50	381		7A	Acklas H. Martin	3
Chicago Cal Treat Wks.	1522	Cook	3	41 40	87 36	593		MID	Chgo Sanitary Dist.	3 4
Chicago Heights	1527	Cook	3	41 30	87 38	634		7P	Alfred J. Cooper	2 3 5
Chicago Lakeview Pumping	1532	Cook	3	41 58	87 40	651		MID	Cty Engr Wtr Purif	3 4
Chicago Loyola Univ.	1537	Cook	3	42 00	87 40	592		MID	Chgo Sanitary Dist	3 4
Chicago Mayfair Pmpg Sta	1542	Cook	[illegible]	41 58	87 45	647		MID	Cty Engr Wtr Purif	3 4
Chgo N Branch Pump Sta.	1547	Cook	3	41 58	87 42	595		MID	Chgo Sanitary Dist.	3 4
Chgo Roseland Pumping	1552	Cook	3	41 42	87 38	659		MID	Cty Engr Wtr Purif	3 4
Chgo San Dist Dispatch	1557	Cook	3	41 50	87 42	602		MID	Chgo Sanitary Dist.	3 4
Chgo San Dist Office	1562	Cook	3	41 52	87 38	898		MID	Chgo Sanitary Dist.	3 4
Chicago S Filter Plant	1564	Cook	3	41 45	87 33			MID	Cty Engr. Wtr Purif	3 4
Chgo Springfld Pumping	1567	Cook	3	41 55	87 44	630		MID	Cty Engr Wtr Purif	3 4
Chicago University	1572	Cook	3	41 47	87 36	594	MID	MID	Univ. of Chicago	2 3 4 5
Chicago WB Airport	1577	Cook	3	41 47	87 44	623	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Chicago WB City	1582	Cook	3	41 53	87 38	823	MID	MID	U.S. Weather Bureau	2 3 4 5
Chillicothe	1627	Peoria	1	40 55	89 29	490		6P	David H. Dugan	3
Cicero	1648	Cook	3	41 51	87 46	608	7P	7P	George D. Lukes	2 3 5
Cisne Brown Camp	1664	Wayne	7	38 31	88 24			MID	Pure Oil Company	3 4
Clinton 1 S	1743	De Witt	1	40 08	88 58	746		6P	C. E. Corrington	3
Collinsville	1825	Madison	4	38 40	89 59	500		[illegible]	Norma E. Evanko	3 4
Coulterville	1944	Randolph	4	38 11	89 36	590		MID	Harley L. Isom	3 4
Crete	2011	Will	3	41 27	87 38	675		[illegible]	Village of Crete	3 4
Danville	2140	Vermilion	7	40 08	87 38	602	7P	7P	E. C. Hewes	2 3 5 7
Danville Hospital	2143	Vermilion	7	40 08	87 39	575		MID	Lakeview Hospital	3 4
Danville Sewage Plant	2145	Vermilion	7	40 08	87 39	555		7A	Ben Burt	3
Decatur	2193	Macon	1	39 51	88 57	682	7P	7P	W. Burk Coonradt	2 3 5 7
Des Plaines 1 NW	2286	Cook	1	42 03	87 55	704		4P	George A. Honemann	3
Diona	2330	Coles	7	39 22	88 08	660		MID	Maurice L. Reed	3 4
Dixon	2348	Lee	6	41 50	89 29	696	6P	6P	William W. Shuck	2 3 5 7
Douglas	2397	Knox	1	40 47	90 05	650		MID	Willard D. Staggs	3 4
Downs 2 NE	2417	McLean	1	40 25	88 51	794		MID	Ada A. Devine	3 4
Du Quoin	2483	Perry	4	38 01	89 14	[illegible]	6P	6P	G. H. Knetzger	2 3 5
Dwight	2497	Livingston	1	41 06	88 25	641		6P	J. Frank Ziegler	3
Dwight St. Reformatory	2502	Livingston	1	41 05	88 28	641		MID	St. Ref. for Women	3 4
East Saint Louis	2614	St. Clair	4	38 37	90 07	413	7P	1A	Union Ele. of Ill.	2 3 5
Edwardsville	2679	Madison	4	38 49	89 58	554		[illegible]	Arthur W. Jaggers	3
Effingham CAA AP	2687	Effingham	7	39 09	88 32	612	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
Elgin	2736	Kane	1	42 02	88 17	729		7P	W. O. Beckner	3
Elizabethtown	2750	Hardin	5	37 27	88 18	357		5P	U.S. Forest Ranger	2 3 5
Elsah	2800	Jersey	4	38 57	90 22	429		5P	The Principia Coll.	3
Evanston Pumping Sta.	2888	Cook	3	42 02	87 41	625		MID	Chgo Sanitary Dist	3 4
Fairbury Water Works	2923	Livingston	1	40 44	88 31	691		MID	Dept. of Wtr Works	3 4
Fairfield	2931	Wayne	7	38 23	88 22	451	6P	6P	H. D. Willard	2 3 5
Farmer City	2993	De Witt	1	40 14	88 38	732		MID	Roy Neal	3 4
Flora	3109	Clay	7	38 40	88 29	490	6P	6P	Clay County Hospital	2 3 5
Freeport	3257	Stephenson	6	42 18	89 37	762	7P	7P	John Schroder	2 3 5
Freeport Sewage Plant	3262	Stephenson	6	42 17	89 36	751		7A	Sewage Treatment Pl.	3 4
Fulton Dam 13	3290	Whiteside	4	41 54	90 09	592	5P	8A	Corps of Engineers	2 3 4 5
Galatia 1 W	3304	Saline	5	37 51	88 37	410		MID	Josephine Harris	3 4
Galena	3312	Jo Daviess	4	42 25	90 26	603		6P	Orrin A. Merrifield	3
Galesburg	3320	Knox	1	40 57	90 22	780	MID	5P	James Barrett	2 3 5
Galva	3335	Henry	1	41 10	90 02	849	6P	6P	Arthur E. Johnson	2 3 5 7
Geneseo	3384	Henry	6	41 27	90 09	639		6P	Mrs. M. J. Bessant	3
Gibson City	3413	Ford	1	40 28	88 23	753		6P	Edward P. Bergstrom	3
Gladstone Dam 18	3455	Henderson	4	40 50	91 04	538		8A	Corps of Engineers	3
Glendale Exp. Farm	3482	Pope	5	37 26	88 41	500		MID	U.S. Soil Cons. Serv	3 4
Golconda Dam 51	3522	Pope	5	37 22	88 29	354	MID	6A	Corps of Engineers	2 3 4 5 7
Golden	3530	Adams	1	40 06	91 01	725		6P	G. W. Nethery	3
Grafton	3572	Jersey	4	38 58	90 26	404		7A	John A. DeSherlia	3
Grand Tower 2 N	3595	Jackson	4	37 40	89 30	367		3P	John A. Dickson	3
Greenfield	3666	Greene	1	39 20	90 12	556		MID	Fred S. Pewter	3 4
Greenup	3683	Cumberland	7	39 15	88 10	554		4P	Ettelbrick Shoe Co.	[illegible]
Greenville	3693	Bond	2	38 53	89 24	563	7P	7P	Deane J. McAlister	2 3 5 7
Gridley	3709	McLean	1	40 45	88 53	752		6P	Ezra D. Stoller	3
Griggsville	3717	Pike	1	39 43	90 44	685	6P	6P	Mrs. Ellen B. Harvey	2 3 5
Hardin	3850	Calhoun	1	39 09	90 37	700		6P	A. B. Campbell	3
Harrisburg	3879	Saline	5	37 44	88 32	366	6P	6P	Clyde Pittman	2 3 5 7
Harrisburg Disposal Pl.	[illegible]	Saline	5	37 44	88 31			6A	W. Harrison Kibler	3
Havana	3930	Mason	1	40 18	90 03	451	7P	7P	L. L. Euteneuer	2 3 5
Havana No. 2	3940	Mason	1	40 18	90 04	460		7A	Ewald R. Trimpe	3
Henry	4017	Marshall	1	41 07	89 22	491	7P	7P	C. Haddon Perdew	2 3 5 7
Hillsboro	4108	Montgomery	2	39 09	89 29	626	6P	6P	H. A. Cress Jr.	2 3 5
Hoopeston	4198	Vermilion	7	40 28	87 40	717	6P	6P	Charles S. Flexman	2 3 4 5
Hudson Lk Bloomington	4269	McLean	1	40 40	88 56	740		MID	Ill State Wtr Sur	3 4
Hutsonville	4312	Crawford	7	39 07	87 40			MID	Ed S. Dry	3 4
Hutsonville Pwr Plant	4317	Crawford	7	39 06	87 40			7A	Ill Public Serv Co	3
Illinois City Dam 16	4355	Rock Island	4	41 25	91 01	554		8A	Corps of Engineers	3 4
Jacksonville	4442	Morgan	1	39 44	90 14	607	6P	6P	Norbury Sanatorium	2 3 5
Jacksonville Sewage Pl.	4447	Morgan	1	39 44	90 14	575		MID	Municipal Sew Tr	3 4
Jerseyville	4489	Jersey	1	39 07	90 20	635	6P	6P	Edwin M. Porter	2 3 5
Joliet Brandon Rd Dam	4530	Will	1	41 30	88 06	543		[illegible]	Corps of Engineers	3
Joliet WB Airport	4535	Will	1	41 30	88 10	584	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Kankakee	4593	Kankakee	1	41 07	87 52	631	[illegible]	7P	Kankakee Water Co.	2 3 5 7
Kankakee 4 NW	4598	[illegible]	1	41 08	87 56	620	[illegible]	6P	M. A. Durand	2 3 5
Kankakee Sewage Plant	[illegible]	Kankakee	1	41 08	87 53	642		[illegible]	Mun Sewage Trt Pl	3 4
Keithsburg	4655	Mercer	4	41 06	90 57	540		8A	Alfred M. Norris	3
Kewanee	4710	Henry	1	41 14	89 55	853	[illegible]	6P	Cassius C. Conger	2 3 5
Kewanee Baker Park	4715	Henry	1	41 15	89 54	800		[illegible]	Bennett E. Rose	3 4
Kickapoo	4729	Peoria	1	40 47	89 45			9A	Ben Hall	3
La Harpe 1 SW	4823	Hancock	1	40 35	90 58	691	6P	6P	Kent Campbell	2 3 5 7
Lanark	4879	Carroll	4	42 06	89 50	883		MID	William E. Aurand	3 4
La Salle	[illegible]	La Salle	1	41 20	89 06	522	7P	[illegible]	Westclox GTI Corp.	2 3 5
Lawn Ridge	4951	Marshall	1	40 58	89 38	828		MID	Henry H. Lukehart	3 4
Lawrenceville	[illegible]	Lawrence	7	38 44	87 41	472		[illegible]	Frank Bray	3
Leroy	[illegible]	McLean	1	40 21	88 46	780		[illegible]	O. J. Lere	3
Lincoln	5079	Logan	1	40 09	89 22	591	7P	7P	John Zurkammer Jr.	2 3 5 7
Lincoln No. 2	5084	Logan	1	40 09	89 21	600		7A	George L. Smith	3
Lockport Lock & Dam	5131	Will	1	41 34	88 05	585		MID	Corps of Engineers	3 4
Lockport Power House	5136	Will	1	41 34	88 05	585		MID	Chgo Sanitary Dist.	3 4
Louisville	5216	Clay	7	38 46	88 30	480		MID	Carl E. Farrell	3 4
Mackinaw	5272	Tazewell	1	40 32	89 21	646		6P	T. L. Haensel	3
Macomb	5280	McDonough	1	40 28	90 40	702		6P	W. S. Newell	3
Marengo	5326	McHenry	6	42 15	88 36	819	6P	6P	Frank J. Mack	2 3 5 7
Marietta	5334	Fulton	1	40 30	90 24	546		MID	Joseph Ace McCance	3 4
Marion	5342	Williamson	4	37 44	88 55	448		5P	C. N. Danielson	3
Maroa	5364	Macon	1	40 02	88 57	725		MID	Nelson R. Smith	3 4
Marseilles Lock	5372	La Salle	1	41 20	88 45	486		7A	Corps of Engineers	3
Marshall	5380	Clark	7	39 23	87 42	606		6P	Anna F. Kanomacher	3
Mascoutah	5405	St. Clair	2	38 29	89 48	425		SS	Dr. Robt. F. Lischer	3
Mason City	5413	Mason	1	40 12	89 42	581		MID	Charles Flinspach	3 4
Mattoon	5430	Coles	7	39 28	88 21	718	MID	MID	Cen Ill Pub Serv Co	2 3 5
McHenry	5493	McHenry	1	42 21	88 16	750		MID	Fred C. Feltz	3 4
McHenry 2 S	5498	McHenry	1	42 19	88 15	742		6P	John J. Barnings	3
McLeansboro	5515	Hamilton	5	38 05	88 32	500	6P	6P	F. G. Frazier	2 3 5
Medora	5539	Macoupin	1	39 10	90 08	622		7P	M. F. Dodge	3
Minonk	5712	Woodford	1	40 54	89 02	751	7P	7P	City of Minonk	2 3 5
Moline WB Airport	5751	Rock Island	6	41 27	90 31	589	MID	MID	U S Weather Bureau	2 3 4 7
Monmouth Airport	5768	Warren	4	40 55	90 38	770	6P	6P	Martin Airways Inc.	2 3 5 7
Monticello	5791	Piatt	1	40 02	88 34	659		4P	C. H. Wittig	3
Morris	5820	Grundy	1	41 21	88 26			7A	Roy Webb	3
Morris 3 NE	5825	Grundy	1	41 24	88 22	549	6P	6P	Donald M. Pyatt	2 3 5
Morrison	5833	Whiteside	6	41 49	89 58	670	7P	7P	Ralph H. Green	2 3 5
Morrisonville	5841	Christian	1	39 25	89 27	638		MID	Frank A. Lowis	3 4
Morrisonville 1 E	5846	Christian	1	49 25	89 26	638	7P	7P	John R. Lowis	2 3 5 7
Mount Carmel	5888	Wabash	7	38 25	87 46	465	6P	7A	Frank D. Talley	2 3 5 7
Mount Carmel Water Wks.	5893	Wabash	7	38 25	87 45	424		MID	Mt Carmel Wtr Wks	3 4
Mount Carroll	5901	Carroll	4	42 05	89 58	817	7P	7P	James F. Murray	2 3 [illegible]
Mount Olive	5917	Macoupin	4	39 04	89 43	68[illegible]		6P	Henry W. Johnson	3
Mount Pulaski	5927	Logan	1	40 00	89 17	687		5P	Alva Brown	3
Mount Sterling	5935	Brown	1	39 59	90 46	711		7P	F. E. Sahland	3
Mount Vernon	5943	Jefferson	4	38 19	88 54	463	7P	7P	Lawrence Collins	2 3 5 7
Murphysboro Water Works	5963	Jackson	4	37 46	89 19	420		MID	Murphysboro Wtr Co	3 4
Nashville 3 NW	6011	Washington	2	38 23	89 25	505		6P	R. F. Schleifer	3
Newark 7 E	6069	Kendall	1	41 32	88 27	707		6P	Warren S. Gray	3
New Boston Dam 17	6080	Mercer	4	41 11	91 03	548		8A	Corps of Engineers	3
New Boston	6085	Mercer	4	41 10	91 00	571		7A	H. D. Harris	3
New Burnside	6093	Johnson	5	37 35	88 46	560	7P	7P	Miss Mae McCabe	2 3 5
Newton	6159	Jasper	7	39 00	88 10	513	6P	6P	James W. Wells Jr.	2 3 4 5
Olney Radio Station	6446	Richland	7	38 42	88 04	472	5P	5P	Radio Station WVLN	2 3 5 7
Oregon	6490	Ogle	6	42 01	89 20	700		MID	Carnation Company	3 4
Oregon Water Works	6492	Ogle	6	42 01	89 20	702		5A	Alan Grant	3
Ottawa	6526	La Salle	1	41 22	88 50	474	7P	7P	John A. Reed	2 3 5 7
Palestine	6558	Crawford	7	39 00	87 37	514	7P	7P	H. M. Gaddis	2 3 5
Pana	6579	Christian	2	39 23	89 05	696	7P	7P	C. E. Schumacher	2 3 5
Paris Sewage Plant	6605	Edgar	7	39 37	87 41	735		MID	City of Paris	3 4
Paris Water Works	6610	Edgar	7	39 38	87 42	739	7P	7P	City of Paris	2 3 5
Paw Paw	6661	Lee	1	41 41	88 59	928		5P	W. A. Woods	3
Payson	6670	Adams	4	39 49	91 14	640		8P	Edith A. Robbins	3
Peoria Lock & Dam	6706	Peoria	1	40 37	89 39	445		MID	Corps of Engineers	3 4
Peoria WB Airport	6711	Peoria	1	40 40	89 41	654	MID	MID	U S Weather Bureau	2 3 4 5 7
Peotone	6725	Will	1	41 20	87 48	722		2P	Miss Mina Cuti	3
Peru	6751	La Salle	1	41 20	89 08			7A	Joseph S. Sikow	3
Petersburg	6760	Menard	1	40 01	89 51	524		4P	Frank B. Rainey	3
Piper City	6819	Ford	1	40 45	88 11	670		MID	Isaac B. Griffith	3 4
Pittsfield Water Works	6833	Pike	4	39 39	90 48	724		MID	Raymond T. Loyd	3 4
Pleasant Hill 2 E	6861	Pike	4	39 27	90 50	540		6P	Lou Galloway	3
Pontiac	6910	Livingston	1	40 53	88 37	647	6P	6P	Roger Williams	2 3 5 7
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		MID	Lewis Tebeau	3 4
Princeton 1 S	6996	Bureau	1	41 21	89 28	700		MID	Miles W. Bryant	3 4
Princeville 2 NW	7004	Peoria	1	40 57	89 47	745		6P	Frank S. Stewart	3
Prophetstown	7014	Whiteside	6	41 40	89 56	625		MID	Ill Northern Ut Co	3 4
Quincy	7067	Adams	4	39 57	91 24	601	7P	7P	A. H. Gibson	2 3 [illegible]
Quincy CAA AP	7072	Adams	4	39 56	91 11	670	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Quincy Dam 21	7077	Adams	4	39 54	91 26	483		8A	Corps of Engineers	3 4
Quincy Memorial Bridge	7082	Adams	4	39 56	91 24			7A	Melvin Brinkoetter	3
Rantoul Chanute AF Base	7150	Champaign	7	40 18	88 09	744	MID	MID	U.S. Air Force	2 3 4 5 7
Red Bud	7157	Randolph	2	38 13	90 00	444		5P	Dr. H. Le Saulnier	3
Richview	7244	Washington	2	38 22	89 11	544		MID	Mrs. Mabel F. Martin	3 4
Roberts 3 N	7336	Ford	7	40 40	88 11	786	7P	7P	R. E. Bradbury	2 3 5 7
Rochelle	7349	Ogle	6	41 55	89 04	798		3P	California Pkg Corp	3
Rockford	7375	Winnebago	6	42 15	89 05	720	6P	6P	F. W. Knowlton	2 3 5
Rockford CAA AP	7380	Winnebago	6	42 21	89 03	743	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Rock Island Dam 15	7388	Rock Island	4	41 31	90 34	568		8A	Corps of Engineers	3
Rockport	7400	Pike	4	39 32	91 00	470		6P	Harry Williams	3
Rushville	7551	Schuyler	1	40 07	90 34	683	6P	6P	Gain Bros. Greenhse	2 3 5
Ste Marie	7603	Jasper	7	38 56	88 01	448		7A	Judson E. Cameron	3
Salem	7636	Marion	2	38 37	88 57	544		5P	Frank G. Brown	3
Shawneetown New Town	7659	Gallatin	5	37 43	88 10	350		6A	Jake H. Stewart	3
Sidell	7952	Vermilion	7	39 55	87 49			7A	Gary Lane	3
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		MID	Chgo Sanitary Dist.	3 4
Sparta	8174	Randolph	4	38 08	89 42	538	6P	6P	Howe V. Morgan	2 3 5 7
Springfield WB Airport	8179	Sangamon	1	39 50	89 40	587	MID	MID	U S Weather Bureau	2 3 4 5 7
Springfield WB City	8184	Sangamon	[illegible]	39 48	89 39	598	MID	MID	U.S. Weather Bureau	2 3 4 5
Stickney W S Treat Wks	8278	Cook	[illegible]	41 49	87 46	636		MID	Chgo Sanitary Dist.	3 4
Stockton	8293	Jo Daviess	[illegible]	42 21	90 00	1000	5P	5P	E. A. Curtiss	2 3 5 7
Streator	8353	La Salle	1	41 07	88 50	625		7P	H. W. Prafcke	3
Sullivan Water Works	8389	Moultrie	2	39 34	88 37	686		MID	A. B. Fultz	3 4
Sycamore	84[illegible]2	De Kalb	6	41 59	88 41	840	8P	8P	Frank C. Dean	2 3 5 7
Table Grove	8460	Fulton	1	40 22	90 26	734	7P	7P	C. A. Hammond	2 3 5 7
Taylorville	8491	Christian	1	39 33	89 18	634		6P	John W. Coale	3
Tiskilwa	8604	Bureau	1	41 18	89 30	512		6P	Orville L. Weaver	3
Toulon	8630	Stark	1	41 06	89 52	752		5P	Ernest R. Robson	3
Tuscola	8684	Douglas	7	39 48	88 17	653	6P	6P	Perry Stackhouse	2 3 5 7
Urbana	8740	Champaign	7	40 08	88 13	743	7P	7P	State Water Survey	2 3 5
Urbana Exp. Farm	8745	Champaign	7	40 06	88 15			MID	U.S. Soil Cons Serv	3 4
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730		7A	State Water Survey	3 6
Utica Starved Rock Dam	8756	La Salle	1	41 19	88 59	464		7A	Corps of Engineers	3
Vandalia	8781	Fayette	2	38 58	89 07	503		9A	Ernest E. Bricker	3 4
Virden	8860	Macoupin	1	39 30	89 46	674	6P	6P	E. M. Watkins	2 3 5
Walnut	8916	Bureau	6	41 33	89 35	714	6P	6P	Carl F. Nelick	2 3 5
Warsaw	8976	Hancock	4	40 21	91 26	490		5P	Charles Ewing	3
Washington	8990	Tazewell	1	40 42	89 25	740		MID	Mrs. J. J. Longley	3 4
Waterloo	9002	Monroe	4	38 20	90 09	717		4P	E. H. Wolf	3
Waterman	9010	De Kalb	1	41 46	88 46	779		MID	Wm. Ray Clarke	3 4
Watseka	9021	Iroquois	1	40 46	87 44	634	7P	7P	Benjamin Jordan	2 3 5
Waukegan	9029	Lake	3	42 21	87 51	668	7P	7P	R. W. Flagg	2 3 5
Wayne City	9040	Wayne	7	38 21	98 35	385		7A	Paul F. Nichols	3
Wenona	9090	Marshall	1	41 03	89 03	700		MID	Leonard H. Foley	3 4
West Frankfort 8 E	9140	Franklin	4	37 54	88 48	480		MID	Ill State Wtr Surv	3 4
Wheaton College	9221	Du Page	1	41 52	88 06	753		6P	Wheaton College	2 3 5
White Hall 1 E	9241	Greene	1	39 26	90 23	578	5P	5P	Oscar Watt	2 3 5 7
Wilcox	9274	Clay	7	38 38	88 18			7A	E. Lowell Routt	3
Windsor	9354	Shelby	2	39 26	88 36	685	6P	6P	Mrs. Herbert Rose	2 3 5

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Rockford 4 NE	7377	Winnebago	6	42 17	88 59	850		7A	Mrs. D. S. Cummings	3 6

‡ Drainage Code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the postoffice.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 C.S.T.

-	No record in Tables 3, 4, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
AR	This entry in time of observation column in Station Index means after rain.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo. -- 9-27-50 -- 1275

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CLIMATOLOGICAL DATA

ILLINOIS

AUGUST 1950
Volume LV No. 8



KANSAS CITY: 1950

ILLINOIS - AUGUST, 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

August saw a continuation of the cool weather which characterized July. The mean temperature of 70.4° was the lowest of any August since 1927. Rainfall was deficient in most northern and central areas but the southern end of the State received heavy rains, reversing the precipitation pattern of the preceding 2 months. Over 10 inches of rain was recorded at a few southern localities, East Saint Louis being highest with 11.74 inches; in the north several stations registered less than an inch, only 0.27 inch falling at Ottawa during the entire month. Mount Carmel had the highest monthly mean temperature, 75.7°, while Antioch and Stockton averaged coolest with a mean of 66.6°. The highest temperature of the month, 96°, registered at Ottawa on the 16th and 17th, was the lowest August maximum since 1915. No severe storms were reported during the month.

The month opened with seasonable temperatures, but a cool air mass dropped readings much below normal on the 2d and 3d. Minima near or below 50° were general on the morning of the 3d. Temperatures rose after the 3d but remained below the seasonal normal for the following week. Scattered showers occurred on the 1st, continuing to the 2d in the south, where substantial amounts were registered. Most areas had showers again on the 4th, but rainfall amounts generally were light. Many localities received no rainfall of consequence until the 8th when showers covered most of the State. The showers continued through the 9th in the south and to the 11th in the north and central sections.

Temperatures rose slightly above normal levels on the 10th, but the following few days were rather cool. Warmer air moved into the north on the 15th, spreading to the central portion on the 16th. On the latter date most northern and central localities enjoyed their highest temperatures of the month with afternoon readings reaching the high 80's and lower 90's. On the 12th a rainy spell began in the south and continued through the 15th. Precipitation was heavy during this period in most of the south, several stations reporting 24-hour amounts of more than 2 inches. Showers occurred commonly on the 17th and 18th with the heavier amounts again in the south.

Cool air once more moved into the State on the 18th, and temperatures were unseasonably low for the next few days. The lowest temperatures of the month occurred on the mornings of the 20th and 21st with minima commonly in the low 40's on one or both days in the northern two-thirds of the State. Light frost was reported at a few northern localities on the morning of the 20th. The lowest reading of the month, 38°, was registered at Freeport and Minonk on the 20th and also at Carlinville on the 21st.

Scattered light showers fell in the north on the 22d and 23d and in the south on the 24th and 25th. Many northern and central localities, however, received no measurable rainfall from the 11th up to the last few days of the month, while most other areas were dry for a week or more after the 18th. A period of frequent showers began in the north on the 26th, spread to the south a day or two later, and continued through the remainder of the month. Most of the State received moderate to heavy rainfall during this period with the heavier amounts generally occurring in the south. Several stations in the southern half of Illinois recorded 24-hour precipitation amounts of 2 inches or more on the 30th or 31st.

Although hampered by a late spring and cool summer, nearly all Illinois field crops promised better than average yields. Even though most of the central and northern sections were drier than usual in August, crops in those areas suffered very little from moisture deficiency. Damage to crops by insects and disease was much less than had been anticipated. There was considerable late corn in northern counties which would be endangered by early frosts. The soybean crop generally had podded and filled well, and a few early fields had turned yellow by the end of the month. The oat harvest was practically completed by August 10. Peach and apple crops were much lighter than average; harvesting of peaches in the southern commercial areas was over by August 25, and picking of fall apples had started as the month drew to a close.--GRJ

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
Cairo WB City	-	-	5.8	34	NW	1	-	-	-	-	3	4	3	4	2	0	16	65	6.7	
Chicago WB AP	SSW	12	8.0	28	NW	1	80	84	52	61	6	3	3	1	0	0	13	72	5.8	
Joliet WB AP	S	13	7.5	-	-	-	89	90	54	67	4	3	4	0	0	0	11	-	5.4	
Moline WB AP	SW	12	6.7	26	NW	10	85	88	59	65	7	2	6	0	0	0	15	58	6.3	
Peoria WB AP	SW	12	8.1	35	NW	10	84	90	61	66	4	2	2	0	1	0	9	63	6.3	
Springfield WB AP	S	11	6.6	42	S	10	87	92	64	68	5	4	1	2	1	0	13	59	6.9	

See Table 2

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	70.6	104	40	2.81	...	7	1913	78.3	106	45	2.38	...	6	1936	81.0	111	47	2.66	...	8
1891	71.7	103	42	4.71	...	10	1914	76.1	104	42	3.39	...	8	1937	78.1	103	50	2.36	...	6
1892	73.4	100	44	2.36	...	6	1915	67.9	94	31	6.10	...	11	1938	77.7	106	49	3.33	...	7
1893	72.4	100	37	0.91	...	3	1916	77.1	104	40	4.16	...	8	1939	73.5	99	48	4.78	...	9
1894	74.8	107	38	1.75	...	5	1917	72.0	101	39	2.66	...	7	1940	75.2	103	43	4.04	...	11
1895	75.0	102	42	2.82	...	6	1918	79.0	112	45	3.82	...	9	1941	76.5	107	46	2.76	...	7
1896	74.7	108	37	2.85	...	6	1919	73.7	105	44	2.88	...	8	1942	73.4	101	39	3.53	...	7
1897	72.2	108	36	1.13	...	5	1920	72.7	99	40	2.87	...	8	1943	77.0	109	44	2.97	...	6
1898	74.2	100	45	4.29	...	8	1921	74.3	102	44	5.14	...	10	1944	75.5	103	44	3.80	...	8
1899	76.5	102	44	2.61	...	7	1922	75.2	104	42	1.71	...	6	1945	74.2	103	41	3.47	...	7
1900	79.7	111	54	4.04	...	8	1923	74.2	103	38	4.86	...	11	1946	70.7	99	37	5.97	...	9
1901	74.9	108	41	1.91	...	5	1924	74.3	103	41	5.19	...	9	1947	81.9	109	44	2.21	...	5
1902	71.8	102	41	4.47	...	9	1925	74.7	104	45	2.62	...	7	1948	74.6	106	42	1.74	...	5
1903	72.8	102	40	4.41	...	9	1926	75.9	105	48	4.77	...	12	1949	74.6	99	45	2.90	...	8
1904	70.8	101	37	4.06	...	8	1927	69.2	99	39	3.20	...	8	1950	70.4	96	38	3.63	T	8
1905	75.1	99	47	3.44	..	8	1928	75.5	99	44	3.47	...	8							
1906	76.4	101	39	4.03	..	9	1929	72.4	100	42	2.42	...	6							
1907	73.1	102	41	5.47	...	9	1930	76.4	113	45	1.97	...	6	PERIOD	74.6			3.37	T	
1908	74.4	104	38	2.32	...	5	1931	74.5	104	44	3.90	...	9							
1909	77.4	105	42	2.10	...	5	1932	74.9	101	46	5.53	...	11							
1910	73.2	99	37	2.64	...	6	1933	73.7	102	44	2.67	...	7							
1911	73.4	104	40	4.08	...	8	1934	75.5	113	33	3.82	...	10							
1912	72.9	100	39	3.96	...	10	1935	75.8	104	37	2.45	..	7							

CLIMATOLOGICAL DATA

Table 2

Station	Temperature									Precipitation								
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days: Max 90° or above	No. of days: Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground at obsn	Snow, Sleet, Hail: Date	No. of days: .01 or more	No. of days: 25 or more	No. of days: 1.00 or more
NORTHERN DIVISION																			
Aledo	68.8	- 4.5	88	16	43	20	18	0	0	3.14	- .36	1.00	28	.0	0		10	5	1
Antioch	66.6	- 4.2	89	16	43	20	39	0	0	3.53	.38	.73	28	.0	0		10	6	0
Aurora College	68.2	- 3.1	92	16	40	21	22	1	0	.84	- 2.71	.26	30	.0	0		9	1	0
Chicago Heights	69.2		92	16	42	20	19	3	0	2.12	- 1.25	.79	30	.0	0		7	3	0
Chicago University	70.1	- 1.5	90	16	50	21	13	1	0	1.50	- 1.71	.87	30				5	1	0
Chicago WB AP	70.0	- 1.6	93	16	46	21	15	2	0	1.78	- 1.24	.60	27	.0	0		7	3	0
Chicago WB City	70.9	- 1.9	92	16	54	20	9	1	0	1.98	- 1.04	.77	10				8	3	0
Cicero	70.4	- 2.3	93	16	45	20+	10	3	0	2.44	- .81	1.01	10	.0	0		11	5	1
Dixon	68.3	- 4.0	90	16	40	20	29	1	0	1.63	- 1.90	.42	29	.0	0		8	3	0
Freeport	66.7	- 4.0	90	16	38	20	38	1	0	4.39	.52	1.09	28	.0	0		10	5	1
Fulton Dam 13	69.0	- 2.7	88	15	50	20+	12	0	0	1.96	- 1.76	.66	28	.0	0		9	3	0
Galesburg	70.3		89	16	44	20	15	0	0	2.59	.78	.96	30	.0	0		7	3	0
Galva	69.0	- 4.2	90	16	41	20	17	1	0	1.99	- 1.50	.71	30	.0	0		8	3	0
Henry	70.3 M	- 3.5	90	16			3		0	1.29	- 2.23	.40	30	.0	0		6	2	0
Joliet WB AP	68.7	- 2.6	93	16	42	20+	28	3	0	1.02	- 2.38	.44	30	.0	0		7	2	0
Kankakee	70.0 M	- 2.7	88	16	44	21	13	0	0	1.45	- 2.03	.41	4	T	0		9	2	0
Kankakee 4 W	68.3		88	16	42	20+	25	0	0	1.08	- 2.39	.24	11	.0	0		9	0	0
Kewanee	69.0	- 3.7	90	17	43	20	16	1	0	3.47	- .07	1.98	26	.0	0		6		1
La Salle	70.8	- 3.0	94	16	42	20	15	6	0	.64	- 3.16	.24	29	.0	0		7	0	0
Marengo	67.1	- 3.9	89	10+	40	20	31	0	0	1.37	- 2.19	.51	10	.0	0		9		0

See reference notes following Station Index.

Station	Temperature: Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days: Max. 90° or above	No. of days: Min. 32° or below	Precipitation: Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground at obsn.	Snow, Sleet, Hail: Date	No. of days: .01 or more	No. of days: .25 or more	No. of days: 1.00 or more
Minonk	69.0	- 4.4	92	16	38	20	20	3	0	.69	- 2.65	.26	11	.0	0		4	1	0
Moline WB AP //	68.5	- 3.2	90	16	43	20	24	1	0	1.87	- 1.62	.47	10	.0	0		8	4	0
Monmouth Airport	68.2	- 5.6	87	16	44	20	18	0	0	3.12	- .13	.96	8	.0	0		8	4	0
Morris 3 NE	69.4	- 3.3	90	16	42	20	21	1	0	1.62	- 1.95	.49	15	.0	0		7	4	0
Morrison	69.1	- 3.2	92	16	42	20	19	2	0	1.62	- 2.12	.47	30	T	0		8	4	0
Mount Carroll	67.7	- 3.4	88	16	39	20	34	0	0	3.03	- .94	1.03	28	.0	0		7	4	1
Ottawa	71.4	- 1.9	96	16+	43	20	12	4	0	.37	- 3.53	.10	8	.0	0		4	0	0
Pontiac	68.7	- 5.7	87	16	44	20	19	0	0	.53	- 2.49	.25	11	.0	0		6	1	0
Rockford	69.2	- 2.7	93	16	45	21	9	1	0	5.18	1.34	2.70	27	.0	0		8	4	2
Rockford CAA AP	67.1	- 3.7	90	16	40	20	37	1	0	4.94	1.09	1.46	26	.0	0		8	5	3
Stockton	66.6		89	16	41	20	45	0	0	3.33	- .63	1.12	27	.0	0		8	4	1
Sycamore	68.0 M	- 3.1	92	16	41	20	26	2	0										0
Walnut	70.2	- 3.0	91	16	41	20	15	4	0	1.85	- 1.98	.65	30	.0	0		4	3	0
Waukegan	66.9	- 3.3	92	16	43	20+	35	2	0	1.65	- 1.44	.40	31	T	0		12	3	0
Wheaton College	68.7		92	16	42	20+	20	1	0	1.23	- 2.07	.54	31	.0	0		5	1	0
DIVISION	68.9	- 3.5								2.09	- 1.25			T					
CENTRAL DIVISION																			
Bloomington Normal	70.6	- 3.7	92	16	44	21	12	2	0	.97	- 2.51	.50	30	.0	0		7	1	0
Carlinville 4 E	70.0	- 5.9	88	16+	38	21	22	0	0	3.23	- .26	1.49	8	.0	0		11	2	2
Charleston	71.8 M	- 3.3	92	16	43	21	5	3	0	1.86	- 1.73	1.05	9	.0	0		5	2	1
Danville	70.6	- 2.1	92	16+	40	21	15	3	0	2.02	- 1.36	.57	11	T	0		8	4	0
Decatur	70.5	- 4.6	90	16	43	21	11	1	0	2.12	- 1.45	.63	30	.0	0		10	3	0
Effingham CAA AP	69.4	- 4.9	88	16	43	21	18	0	0	5.01	.98	1.48	30	.0	0		8	5	2
Griggsville	70.3	- 5.6	92	16	41	20	11	2	0	3.18	- 1.25	1.02	30	.0	0		8	2	1
Havana	70.0	- 5.1	89	16	44	21	11	0	0	2.12	- 1.10	.98	8	.0	0		6	2	0
Hillsboro	70.2	- 5.8	89	16	42	21	13	0	0	4.42	.66	1.71	30	.0	0		9	4	2
Hoopeston	69.5	- 3.9	89	16+	41	21	22	0	0	3.43	- .10	1.70	10	.0	0		4	3	2
Jacksonville	70.3	- 4.7	90	16	40	21	13	1	0	1.84	- 1.72	.77	8	.0	0		5	2	0
Jerseyville M	72.6 M	- 3.8	91	10	46	21	4	1	0	3.17	- .37	1.58	30	.0	0		8	4	1
La Harpe 1 SW	69.5	- 4.6	89	16	40	20	16	0	0	2.87	- .45	1.99	8	.0	0		6	2	1
Lincoln	70.6	- 3.7	92	16	42	20	14	1	0	1.80	- 1.53	1.17	30	.0	0		7	2	1
Mattoon	69.6		87	16+	43	21	17	0	0	4.84	1.29	1.42	31	.0	0		8	6	1
Morrisonville 1 E	69.6	- 5.1	88	16+	45	21	14	0	0	3.36	- .16	2.05	30	.0	0		7	2	1
Newton	70.7	- 4.1	92	16	42	21	10	3	0	5.11	2.28	3.20	31	.0	0		9	4	2
Palestine	72.1	- 4.0	95	16	44	21	7	6	0	4.99	1.21	3.60	31	.0	0		8	3	1
Pana	71.6	- 3.8	90	7+	45	21	10	5	0	3.81	- .03	1.00	8	.0	0		9	6	1
Paris Water Works	71.1	- 3.5	92	16	43	21	8	2	0	2.57	- .79	1.25	18	.0	0		7	3	1
Peoria WB AP	69.0	- 4.1	89	16	43	20	18	0	0	1.67	- 1.45	1.06	8	.0	0		5	2	1
Quincy	71.4	- 5.4	92	23	45	20	8	3	0	2.30	- 1.40	.73	30	.0	0		8	4	0
Quincy CAA AP	68.4		88	10	42	20	18	0	0	1.45	- 2.25	.64	30	.0	0		7	2	0
Rantoul Chanute AF Base //	69.9		90	16	47	21	12	1	0	1.93	- 1.77	1.43	10	.0	0		5	1	1
Roberts 3 N	69.2	- 3.9	91	16	44	20	19	1	0	.81	- 2.49	.40	9	.0	0		6	1	0
Rushville	70.2 M	- 4.8	90	16	43	21	9	1	0	3.07	- .40	1.48	8	.0	0		4	2	2
Springfield WB AP	69.2	- 3.0	88	16	44	21	18	0	0	2.81	- .36	1.30	30	.0	0		8	3	1
Springfield WB City	71.6	- 2.9	90	16	49	21	5	1	0	3.20	.03	1.32	10	.0	0		6	3	2
Table Grove	69.6	- 5.1	90	16	44	20	12	1	0	2.88	- .39	1.56	8	.0	0		5	2	2
Tuscola	70.7		90	16	43	21	10	1	0	3.45	- .33	1.20	14	.0	0		8	3	1
Urbana	70.0	- 3.4	89	16	44	21	15	0	0	1.65	- 1.88	.53	18	.0	0		7	3	0
Virden	69.8		88	16	43	21	16	0	0	4.10	.65	1.18	30	.0	0		9	5	2
Watseka	70.0		91	16	41	21	16	2	0	1.09	- 2.45	.50	30	.0	0		7	1	0
White Hall 1 E	71.3	- 4.4	91	16	42	21	12	2	0	2.78	- .71	.90	30	.0	0		8	3	0
Windsor	69.8	- 4.9	88	17	43	21	18	0	0	4.29	.71	1.88	19	.0	0		7	5	1
DIVISION	70.3	- 4.5								3.86	- .41			T					
SOUTHERN DIVISION																			
Alton Dam 26	72.6		95	10	47	21	4	5	0	3.92	.34	1.75	18	T	0		14	5	1
Anna 1 NW	71.7 M	- 5.8	90	11	46	21	7	1	0	11.28	7.37	2.95	15	T	0		13	11	3
Belleville Scott AF BASE //	71.5		89	6+	48	21	7	0	0	5.99	2.25	1.93	13	.0	0		13	6	1
Cairo WB City	74.6	- 4.2	92	1	55	21	0	2	0	6.81	3.79	1.57	31	.0	0		13	8	2
Carbondale Sewage Pl	72.8	- 5.1	91	1	45	21	6	2	0	8.65	4.76	2.02	17	.0	0		14	8	4
Carbon	71.3	- 4.9	90	27	44	21	9	1	0	2.78	.77	.64	28	.0	0		8	5	0
Du Quoin	72.9	- 4.6	91	27	47	21	5	3	0	10.48	6.92	3.10	18	.0	0		14	9	3
East St. Louis	73.0	- 5.4	92	1	48	21	3	3	0	11.74	8.20	2.77	18	.0	0		13	8	4
Elizabethtown	72.8		90	1	47	21	4	1	0	10.09	6.51	3.10	31	.0	0		14	9	4
Fairfield	73.0	- 4.3	90	7+	46	4+	2	5	0	4.71	1.06	1.73	31	.0	0		11	5	2
Flora	72.7 M	- 3.3	91	16+	45	22	6	3	0										
Golconda Dam 51	71.9	- 5.4	89	1	50	21	4	0	0	6.65	2.88	.95	18	.0	0		13	9	0
Greenville	70.4	- 6.1	86	27	49	21	6	0	0	3.14	- .49	1.02	8	.0	0		8	5	1
Harrisburg	72.5	- 5.7	92	27	46	21+	4	3	0	7.45	3.57	1.75	1	.0	0		13	8	3
Mc Leansboro	72.7	- 4.7	92	27	47	21+	4	3	0	6.82	3.49	1.60	31	.0	0		10	7	2
Mt. Carmel	75.7 M	- 1.3	91	16	45	21	4	3	0	2.36	- .98	.90	1	.0	0		7	2	0
Mt. Vernon	74.7 M	- 2.5	91	7				0	0	8.01	4.36	2.66	31	.0	0		11	8	2
New Burnside	70.6	- 6.4	88	11+	44	21	12	0	0	8.96	5.41	3.35	31	.0	0		14	11	2
Olney Radio Sta.	71.2	- 5.1	94	16+	46	21+	6	2	0	6.61	2.93	2.50	31	.0	0		9	4	3
Sparta	72.8	- 4.6	90	6+	47	21	4	2	0	9.13	5.28	2.98	13	.0	0		11	8	4
DIVISION	72.6	- 4.6								7.14	3.59			T					
STATE	70.4	- 4.2								3.63	.27			T					

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion	.80							.05	2.33			.03	.02	.03	.08			.52										.15	.02	.63	2.10	6.76
Aledo	.06			.01				.61		.48	.26								T				.01			.10	.11	1.00		.50		3.14
Alexis Water Works R								.73		.84																		.09		.92		2.58
Alton Dam 26	.35	.02			T			.12	T	.07			.29	.21	.20	.03		1.75	.04	T						T		.25	.16	.18	.25	3.92
Anna 1 NW	.63							.05	.32			.35	.53	2.23	2.95		.02	.47						.36	T			.55	.92		1.85	11.28
Antioch		T		.46						.71	.08						.27					.22	T		T		.50	.73	.44	.10	.02	3.53
Augusta R	-	-	-	-	-	-	-	2.40				.06														.05		.05		1.02		-
Aurora College				.12	.13			.01		.03			.02		T		.01												.12	.26	.14	.84
Barry	.02			.03				.43	T			.24	.21	T												T	.04	.15		.70		1.82
Beardstown	T				T			1.06	.31	T			.01	T														T	.07	.16	1.00	2.61
Beardstown Lagrange R								1.12				.03																		.10	2.00		3.25
Belleville Scott AF	T			T	.01			.40	.06			.33	1.93	.72	.20		.10	.34	T								.14	.70		.75	.31	5.99
Belleville Scott AF R /								.37	.04			.56	1.90	.71	.21		.12	.38	.05								*	.86		.67	.50	6.37
Belvidere Sewage Pl. R				.69							.27							.37					.49			1.95	.35	.44	.03	.05		4.64
Bentley					.07			2.75				.04		T			.20										T		.18	1.13		4.37
Benton	.98							.25	1.00			.05	.45	.05	.20			2.00						.02				.35		.17	1.35	6.87
Bloomington Normal	-			.01	.01			.12	.16		.15				T													.02		.50		.97
Bluffs	T			T				.87			T	.02	.08													T	.18		.50	T	1.98
Bradford CAA AP 6	T							.17		.37	T						.20									T	.21		.25	T	1.20
Brookport Dam 52		.47							.07	.20			.06	2.05	.39	.19		.64							.49		.03		.10	.64	.84	6.17
Cairo WB City	.68	.01			T			.16	.66			T	.65	.46	1.44		.06	T					.16				.70	.01	.05	1.57	6.81
Cairo WB City R	.68	.01						.16	.66				.65	.46	1.44		.06						.36					.70	.01	.05	1.57	6.81
Canton				T				1.05	.02	04	T	T	T	T											T	T	.64	T	T		1.75
Carbondale Sewage Pl.	.04						T	1.56	.03			.65	1.01	.44	.08		2.02	T					.23			.27	.35	.01	.02	1.94	8.65
Carlinville 4 E	.02				T			1.49	.04			.08	.02	.01	T	T		.07	.03								.24		1.16	.07	3.23
Carlyle								.32	.05			.06	T	T	.10		T	.44									.64		.57	.60	2.78
Carmi	.25							.07	.28		.04	.02	.27	.03	.06			.43									.07	T	.47	1.80	3.79
Carpenter 1 SW R								.62	.12			.15	.38	.05			.40									.13	.40		.40	.46	3.11
Casey	.87							.14	.60									.21		.04							.07		.08	.93	2.94
Centralia 4 W								.30	.15			.05	.25	.15	.11			1.01									.55		1.70	2.36	6.63
Chandlerville				.04				.82										T									.15		1.50		2.51
Channahon Dresden					.87				.03		.36					1.36		.34	.01								.04	.11		.19	3.31
Charleston					T			T	1.05		.13							.10										.14		.44	1.86
Chenoa								.14	.01	.13	.03							.03									.02		.15	T	.51
Chester	.33				T				.67				1.37	1.13	2.03	.21		1.38							T		.77	.44		.47	8.80
Chicago Cal. T. Wks. R										.20								.11									.01	.33		.37	.01	1.03
Chicago Heights				T						.75	.02							.17	.03								T	.06	.79	.30	2.12
Chicago Lakeview P.S. R				.12						.31	.01																.51		.65		1.60
Chicago Loyola U. R	.01			.44						.39							.08					.06				.02	.56		.58		2.14
Chicago Mayfair P.S. R				.06						.58	.01						.24										.46		1.29		2.64
Chicago N. Br. P.S. R				.09						.66							.03									.01	.46	.01		.64		1.90
Chicago Roseland P.S. R				.01						.22								.19										.13		.34		.89
Chicago San Dist. D. R				.01						.58							.01										.58	.06		.78		2.02
Chicago San Dist. O. R				.01				.26		.59								.02									.50	.04		.55		1.97
Chicago South Flt. Pl R				.02				.15		.15								.02									.02	.10		.82		1.28
Chicago Springfield R				.03				.01		.88																	.58	.01		1.12		2.63
Chicago University				.04				T		.14							T	.21								T	.24			.87		1.50
Chicago University R				.04						.14								.21									.24			.87		1.50
Chicago WB Airport		T		.03				01	T	.24	T						T	.36							T	.60	.09		.45	T	1.78
Chicago WB Airport R				.03				.01		.24								.36									.60	.09		.45		1.78
Chicago WB City		T		.02				.19	T	.77	T						*	.02									.35	.03	T	.60	T	1.98
Chicago WB City M				.02				.19		.77								.02									.35	.03		.60		1.98
Chillicothe				T	T			.29			.13			T													T	.01		.11	.10	.64
Cicero	.27	T		.05					T	1.01	.02						.01	.13								T	.32	.01	.02	.32	.28	2.44
Cisne Brown Camp R								.10					.02	.07				1.05										.60		.60	1.90	4.34
Clinton 1 S				T	T			.20	.10		.35							T									T		.19	T	.84
Collinsville R					.05			.55				.49	1.49	1.15	.15		.08	1.42	.01							.19	.47		1.46	.57	8.08
Coulterville R								.62	.09			.42	1.12	1.06	.08		.80											.49	.47		1.94	7.09
Crete R										.66	.14																			.69		1.49
Danville								.03	.16	.35	.57						T	.40										.04		.05	.42	2.02
Danville Hospital R								.10	.05	.42	.38							.45													1.09	2.49
Danville Sewage Pl.									.14		.90							.78	.82										.03			2.67
Decatur	T			.01	.07			.40	.22		.48				.15	T	T	.10	T								T	.04		.63	.02	2.12
Des Plaines 1 NW	.17			.05							.39						T	.04					.45			.04		T	.18	.02	.49	1.83
Diona				.02				.72	.17	.05								.12	.06											.18	2.31	3.63
Dixon								.08		.32	.06											.20					.33	.02	.42	.20	T	1.63
Douglas R								1.04		.33																		.24		.54		2.15
Downs 2 NE R								.11	.16	.08																				.13		.48
Du Quoin	.56				.20			.63	.90			.20	.70	.34	1.33	.08		3.10						T	.08			.72		.12	1.52	10.48
Dwight								.04	.08	.04	.08					.04													.17	.09		.54
Dwight State Ref. R								.10		.10																		.40		.10	.04	.74
East Saint Louis					.14			.20				.63	2.36	1.13	.20		.55	2.77	.09								.52	.22		1.94	.99	11.74
Edwardsville								.48	.32			.09	.66	.49	T		.21	.80	T								T	.66	T	1.61	.41	5.73
Effingham CAA AP				T				1.33	.64		.26	.01		T			T	.24	T									.07	T	1.48	.98	5.01
Effingham CAA AP R //								*	1.93		.25							.22										.08		1.09	.97	4.54
Elgin		T		.18				T		.89	.13				T		.28	T				.08			T	.13	T	.28	T	.09		2.06
Elizabethtown	.88	.28						.06	.54	.03	.01		.20	1.28	1.16			1.28						T				.15	.42	.70	3.10	10.09
Elsah	.04							.27				.25	.70	.12	.23			.40										.40		1.63		4.04
Evanston Pump Sta. R	.01			.48						.38							1.78					.13			.01		.07	.42	.01	.46		3.75
Fairbury Water Works R //								.11	.04	.20				.05				.05									.08			.12		.65
Fairfield	.26							.10	.35				.10	.10	*	.11		1.05										.71		.20	1.73	4.71
Farmer City R				.02				*	.15	.17	.06																			.05	.07	.52
Flora	-							.11	.18	T		.01	.01	.01		.01		.72		.01								.34		.08	1.44	-
Freeport								T		.77							T					.14	.46		.02	.20	.76	1.09	.71	.23	.01	4.30
Freeport Sewage Pl.	T								T		.60							T				.01	.04	.28		T	1.35	1.08	1.20		.24	4.80
Freeport Sewage Pl. R										.58												.07	.26			.71	1.72	1.25		.26		4.85
Fulton Dam 13	.42								.16		.41											T	.02			T	.02	.66	.05	.08	.14	1.96
Fulton Dam 13 R								.08		.40																	.03	.03	.02	.10		.66
Galatia 1 W R								.18	.53			.03	.23	.77	2.09									.06				.27	.48	.41	2.28	7.33
Galena	.35								.02	.04											T	.05					.58	.01	T	T		1.05
Galesburg				T				.44		.22	.28						.02										.06	.21		.96		2.59
Galva				T				.58		.28	.11						.03									.04		.10		.71	.14	1.99
Geneseo	T							.46		.22	.05						.02									.05	.01	.19	.11	1.02	.01	2.14
Gibson City			T					.35	.35	.25	T				T		.03									T	T	T	T	.06	.40	1.44
Gladstone Dam 18					.02			.84	.10		.66				T			.02		T							T		.18	.01	.70	.03	2.56
Glendale Exp. Farm	.62							.09	.31			.14	.54	1.46	.80			1.08						.14				.75		.01	2.51	8.45
Glendale Exp. Farm R	.62							.09	.31			.14	.54	1.46	.80			1.08						.14				.75		.01	2.51	8.45
Golconda Dam 51	.54	.94							.56	.36			.09	.84	.55	.78		.95							.08				.10	.08	.78	6.55
Golconda Dam 51 R	.91							.16	.76		.05	.10	.27	1.03	.75		.02							.08				.08	.05	.73	1.79	6.71
Golden				T				1.40				.02	.09	T			.04								T	.01		.20		.82		2.58
Grafton	.11	T						.20	T				.55	.58	.26		.06	.07	T	T								.20	.19	.82	1.61	4.65
Grand Tower 2 N	.03	.27						.07	1.20	.03			1.27	1.43	1.24			1.13						.02	.05			.71		T	.98	8.43
Greenfield R								.40				.09																.14		1.20		1.87
Greenup	1.45						.02	.18	.80		.02		T					.93	.02									.04	.01	.02	.45	3.94
Greenville								1.02	.18			T	.18		.11			.39										.29		.30	.67	3.14
Gridley									.07	.28		.39			.07			T										T		.05	T	.86
Griggsville							.71	.07					.15	.03	.04											T	.04	T	.12	1.02		2.18
Hardin	.12							.45				.74	.96	.05	.03			.12										.52		.82		3.81
Harrisburg	1.75	.06						.20	.23			T	.60	.16	.55			1.05						T	.08			.49	.33	.33	1.62	7.45
Harrisburg	2.56	.07							.19	.15				.74	.48	.06		1.04							.14				.72	.73	.38	7.26
Havana				.02				.98	.06		.11																	.05		.90	T	2.12
Havana No. 2					T			.37	.63		.10									T								T	.07		.89	2.06
Henry								.21		.31	.12							.06												.40	.19	1.29
Hillsboro					T			1.31	.13			.50	.06					.40	T									.16	.02	1.71	.13	4.42
Hoopeston								T	.13	1.70	1.34							.26												T		3.43

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station	Day of month																												Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bhoopest n R								.07	.02	2.89	.14							.21												.47	3.80
Budson Lake Bloomngtn R								.16		.23	.01			.05	.01														.11	.24	.81
Hutsonville R									.10		•							1.09										.10		1.04	4.43	6.76
Hutsonville Pwr. Pl.	.12								.14									2.00	.18	.02			.19						.10		1.80	4.36
Illinois City Dam 16				.01	.02			.29	.04		.34																.27	.32	.06	.12	.08	1.74
Illinois City Dam 16 R				.03				.33		.37														.19		.26	.30	.06		.19		1.73
Jacksonville								.77					.02					.15									.15		.75		1.84
Jacksonville Sew. Pl. R								.69									.10										.10		.74		1.63
Jerseyville	.25							.24				.18	.33	T	.08			.24									T	.27		1.58	T	3.17
Joliet Brandon Rd.					.09				.02		.19							.01	.17									.01	.13		.41	1.03
Joliet WB Airport 6				.26				T		.05	.12				T		.01	.10									T	.04		.44	T	1.02
Kankakee				.41	.04			T	.02	.10	.16				.20				T								.25	T		.24	.03	1.45
Kankakee 4 W				.17	.12			T	.01		.24				.16			.10									.18	T		.09	.01	1.08
Kankakee Sewage Pl. R				.14						.06	.03				.15			.02									.10			.12		.62
Keithsburg	T							.55	.14		.65																	.16	.14	.42	.06	2.12
Kewanee	T			T				.48		•	.42						T	T								1.98		T		.44	.15	3.47
Kewanee Baker Park R								.65		.30								.56									.30	.70				2.51
Kickapoo									1.54	.74																					.14	2.42
La Harpe 1 SW				T	T			1.99		T	.02		T	T	T		.21		.04								T	.02		.59		2.87
Lanark R								.05		.46																		.34				1.77
La Salle								.06	.01		.20		T			T		.06									T	T	.24	.01	.06	.64
Lawn Ridge R												.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lawrenceville	.20								.48									.89										.61		.72	3.58	6.48
Le Roy				.02			.11	.01		.54	.38				T													.02		.22		1.30
Lincoln				.03				.46	.04		.04			T					T									.05		1.17	.01	1.80
Lincoln No. 2					.06			T	.48		.05				T												T		.05		1.13	1.77
Lockport L & D R				.20						.72	.08				.03			.20										.20		.68		2.11
Lockport Power House R				.20						.80	.10				.04	.01	.02	.15										.19	.01	.69		2.21
Louisville R								.37	.01				.05	.10				.42											.04	.59	1.60	3.18
Mackinaw				.19				.41	.19																			.02		.11		.92
Macomb				.03	.02			1.71			.08	T							T						.15	.02	T	.09		.99	T	3.09
Maregro				.13						.51	T				T							.13	.04		.06		.20	T	.18	.06	.06	1.37
Marietta R								1.30		.18							.05								.10			1.04	.01	2.68	
Marion	.24	.15			.03				1.36				.92	.36	.64	.06		2.39						T	.04			.74	.07	.07	1.17	8.24
Maroa R								.34	.10	.40	.07																			.10	.06	1.07
Marseilles Lock									.07		.47																			.03	.57	
Marshall	.02								.41		.06							.34										.02		.06	.82	1.73
Mascoutah								.54				.24	1.08	1.29	.54		.34	.04		.05							.43		1.10	.85	6.50
Mason City R								.41		.02	.03																	.10		.30		.86
Mattoon				T				.98	.53		.12						T	.55									.07	.64	.53	1.42	4.84
McHenry R				.03						.36							1.00															3.14
McHenry 2 S	.32									.12	.23						.30	.15				.07	.04				.39	.38	.31		.14	2.45
McLeansboro	.80							.15	.45			T	.50	.20	.24			.75										.70	T	1.43	1.60	6.82
Medora	.14							.40				.22	.05	.05	T			.10	T									.10	.20	.90		2.16
Minonk								.19			.26							T										T		.10	.14	.69
Moline WB Airport				.01				.38		.47	T	T	T								T	.12			T	.27	.01	.15	T	.46	T	1.87
Moline WB Airport R				.01				.38		.47												.12				.27	.01	.15		.46		1.87
Monmouth Airport	.16			.02				.96		.52	.23						.06											.29		.88		3.12
Monticello				.08				.38	.41		.18							.17												.16		1.38
Morris									T		.49					.84		.65	.08												.11	2.17
Morris 3 NE				.30					T	.03	.41				.49			.28										T		.10	.01	1.62
Morrison	.25							.07		.35												.01					.15	.27	.05	.47		1.62
Morrisonville R								.87				.10						.24										.15		2.04	.47	3.87
Morrisonville 1 E				T				.72	.11		.08	.07		T				.19	T									.14		2.05	T	3.36
Mount Carmel	.90								.15					T	.22			.15	.10										.04	T	.80	2.36
Mt. Carmel Water Wks R									.07					.10				.20												.85	3.00	4.22
Mount Carroll	.40							.03		.60	T	T										.03				T		.75	1.03	T	.19		3.03
Mount Olive								1.03	.09			.15	.10	.02	T			.36										.42		1.20	.14	3.51
Mount Pulaski				T				.36	.23					T					T											.23	T	.82
Mount Sterling				T				1.39				T	T	T															.08	.85		2.32
Mount Vernon	.43							.34	.64				.91		.47			.58												1.98	2.66	8.01
Murphysboro Wtr Wks R				.02				1.44	.02			.56	1.78	.87	.05		.59	.38						.14			.18	.40		.14	1.83	8.40
Nashville 3 NW								.35	.06			.27	2.15	.15	.41			.37										.76	T	.46	1.77	6.75
Newark 7 E				.58	.05			T		T	.20				T			T										T	.17	.09		1.09
New Boston Dam 17	.20			T	T			.51	.10		.75		T							T		T						.04	.11	.35	.11	2.17
New Boston	T			.01				.41	.17	.93		T		T						T								.04	.07	.49		2.12
New Burnside	.04	.10						.09	.51				.52	.39	.71			2.25						.07	.01			.45	.01	.46	3.35	8.96
Newton	.20							.07	.34		T	.01	T					1.87		.02								.34		.06	3.20	6.11
Newton R								.17	.21									1.81										.30		1.73	2.19	6.41
Olney Radio Sta.	.28							.01	.22		T	T		.01				2.23		.01								.22		1.13	2.50	6.61
Oregon R										.40												.20				1.05	.13	.05		.15	.05	2.03
Oregon Water Wks.									.01		.44												.20				1.22	.05	.05	.02	.22	2.21
Ottawa								.10		.07	.09															T		T		.01		.27
Palestine					T			.10	.07					.03				.72		.02								.13		.32	3.60	4.99
Pana	T			T				1.00	.29		.36	.05						.95										.10	.18	.34	.54	3.81
Paris Sewage Plant R								.20	.23			.19		.04				.99												-	-	-
Paris Water Works					T			.06	.38		.15				.05			1.25										T	T	.11	.57	2.57
Paw Paw									.10		.25						T	.84								.10			.21		.05	1.55
Payson				.02				.62				.43	T	.03	.02										T	T	.02	.27	.36	.23	T	2.00
Peoria Lock & Dam R				.04				1.06		.25																		.05		.30		1.70
Peoria WB Airport				.02				1.06		.34	T				T												T	.01		.24	T	1.67
Peoria WB Airport R				.02				1.06		.34																		.01		.24		1.67
Peotone				T	.05						.38							.68									T	.18	.12	T	.40	1.81
Peru									.09		.19							T									T		T		.06	.34
Petersburg				T				.59	.05																			T		.58	T	1.22
Piper City R					-	-		-	-	-	-	-	-	-	-	-	-		-								.24		.03	.17		-
Pittsfield Water Wks R				.01	.03			.39				.14	.05															.17		1.06		1.85
Pontiac								.11	.06		.25	T		T				.01									T	.01	T	.09		.53
Prairie du Rocher R								.32				1.03	1.58	.64	.12			.40	.06								.47	.56		.72	.45	6.35
Princeton 1 S R								.25		.73		-		-														.25		.23		-
Princeville 2 NW								.43		.12	.10																	.03		.50		1.18
Prophetstown R								.15		.38												.10						.37		.09		1.64
Quincy				.03				.58				.32	.06	.04											T	T	.01	.53		.73		2.30
Quincy CAA AP		T		.03			T	.41				.16	.01	T	T											.02	T	.18		.64	T	1.45
Quincy Dam 21					.02			.44	T				.31	.09	.03	T										.03		.02	.12	.75	.06	1.87
Quincy Dam 21 R							.04	.38				.27	.13															.11		.80	.06	1.79
Quincy Memorial Br.	.01							.48	.06				.32	.06	.01	.02										.04		T	.20	.65	.23	2.08
Rantoul Chanute AP R								.18	T	1.43	.10	T						.09										T		T	.13	1.93
Rantoul Chanute AP								.15		1.00	.90							.09													.28	2.43
Red Bud	.02							.04	.79			1.04	.13	1.25	1.26			1.00										.80	.46	.68	.88	8.35
Richview R								.66	.45			.24	1.26	.32	.10			.23									.10	.12		1.62	1.70	6.80
Roberts 3 N								.12	.40	.07	.15																	T		.02	.05	.81
Rochelle										.56								1.44					.03				.48	.10	.51	.16	T	3.36
Rockford				.06	.14					.60					T			T					.10			T	2.70	1.12	.40	.06		5.18
Rockford 4 NE	.01				.54						.31												.08	.02			1.95	.75	.51	.03	.02	4.22
Rockford CAA A 6				.39						1.03												.04	.13		T	1.46	1.16	.68	T	.05		4.94
Rock Island Dam 15	.23			T	.01			.16	.12		.87		T							T	.03		.02			T	.07	.06	.27	.07	.12	2.03
Rockport	.09								.30			.34	.47	T	.04													.15	1.90			3.29
Rockville								1.48		T	T	T	T	T					T									.11		1.46	T	3.07
Ste Marie	.38								.54	.19					.02			.32	.41	.01										.24		.58	2.69
Salem																																
Shawneetown Wtr Tow	1.21	.11							.14	.04		.36	.19	.64	1.18	.09		.87	.04									.19	.64	.09	.73	6.35
Sidney	T				T				.27		.29							1.51	.15									T			.04	2.26
Skokie N.S. Tr. Wks 6				.15						.37							1.24					.13				.08	.15		.47		2.59
Sparta	.06							.27	.21			.41	2.98	.40	1.01		T	2.03						T	T			1.05		.04	.67	9.13

See reference notes following Station Index

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Springfield WB AP	T			.05	.01			.66	.03	.63				.02				T	T								T	.11		1.30		2.81
Springfield WB AP R //				.05	.01			.66	.03	.63				.02														.11		1.30		2.81
Springfield WB City	T			.04	T			.58	.06	1.32		T	T	T				T	T								T	.07		1.13	T	3.20
Springfield WB City R				.04				.58	.06	1.32																		.07		1.13		3.20
Stickney W Side Tr R				.07						.49							.03	.03									.26	.05		.37		1.30
Stockton	.05									.29											.01	.02	.72				1.12	.84	.23	.05		3.33
Streator								.15	T	.72	T							.16												.28		1.31
Sullivan Water Wks R //				.03				1.18	.07	.02	.13							.65												.24	1.64	3.96
Sycamore				.67						.36	.06						.75	.02				.04			.02		.05	.44	.06	.29	-	-
Table Grove				.02				1.56				.12	T						T						T		T	.08		1.10		2.88
Taylorville	T							.40	.20		1.09							.35		.03								.04	.09	.51	.39	3.10
Tiskilwa								.20		.16	.17							.54										.06		.17	.17	1.47
Toulon				T				.50		.20	.13	.01			T		.21	.01								.11	.01	.07		.24	.08	1.62
Tuscola				T				.05	.86		.20			1.20	T			.90										.10		.02	.12	3.45
Urbana				T				.05	.16	.30	.50							.53										T		.08	.03	1.65
Urbana Exp. Farm								.20		.15	.30							.52												.09	.64	1.90
Urbana Eng. Campus R									.23		1.32							.47				.04							.02		.07	2.15
Utica Starved Rock Dam									.12		.13					T										T			.14		.18	.57
Vandalia R								.40	.20			.02		.01				.94									.35			.74	.64	3.30
Virden	T			T				.94	.08		.38	1.03	.26	.01				.11		T							T	.11		1.18		4.10
Walnut	.13								T	.49																	T	.58		.65	T	1.85
Warsaw				.04				2.12				.07																.08		.81		3.12
Washington R									.59	.59	.08																			.10		1.36
Waterloo	.78				.01			.68	.32			.33	.46	1.35	.54			.85						T				1.66		.01	.69	7.68
Waterman R //				.08						.55							.45											.10				1.18
Watseka								.07	.10		.5																.12	.01		.50	.14	1.09
Waukegan	.01			.29						.22	.11					T	.05					.05	.01		T		.27	.12	.09	.03	.40	1.65
Wayne City	.95								.46	.03			.19	.03	.03	.05		.99	.06										.76	.23	.20	4.03
Wenona R								.20		.25								.02												.10		.57
West Frankfort 8 E R								.12	1.43				.20	.14	.38			2.48										1.38		.02	1.21	7.86
Wheaton College											.21							T								.03		T	.22	.23	.54	1.23
White Hall 1 E	.03							.59				.12	.13	T	T		.68	T	.10									.18		.90	T	2.78
Wilcox	.12								.22									.95											.63		.50	2.42
Windsor				T				.74	.67					.03					1.88										.38	.23	.31	4.29

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

ILLINOIS
AUGUST 1950

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																										
AUGUSTA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAIRO WB CITY																				.56	.12					.68
CAMP ELLIS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV						.01																				.01
EVANSTON PUMP STA					.01																					.01
GLENDALE EXP FARM																				.37	.07	.18				.62
GOLCONDA DAM 51														.03				.46		.22	.04	.16				.91
PIPER CITY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—2d—																										
CAIRO WB CITY						.01																				.01
—4th—																										
BELVIDERE SEWAGE PLANT																	.31	.04	.11	.02	.06	.01	.12	.01	.01	.69
CHICAGO LAKEVIEW PUMP		.02	.05		.05																					.12
CHICAGO LOYOLA UNIV		.12	.30		.01	.01																				.44
CHICAGO MAYFAIR PUMP ST					.06																					.06
CHICAGO N BRA PUMP STA			.02		.07																					.09
CHICAGO ROSELAND PUMP					.01																					.01
CHICAGO SAN DIST DISPAT					.01																					.01
CHICAGO SAN DIST OFF					.01																					.01
CHICAGO S FILTER PL					.02																					.02
CHICAGO SPRINGFLD PUMP					.02			.01																		.03
CHICAGO UNIVERSITY																	.03	.01								.04
CHICAGO WB AIRPORT					.03																					.03
CHICAGO WB CITY					.02																					.02
DIONA																	.01	.01								.02
EVANSTON PUMP STA		.18	.26	.03	.01																					.48
FARMER CITY																	.02									.02
ILLINOIS CITY DAM 16							.01					.02														.03
JOLIET WB AIRPORT	6														*	*	*	*	*	.21	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																	.04	.04	.02	.04						.14
LOCKPORT LOCK AND DAM																.11	.04	.05								.20
LOCKPORT POWER HOUSE																.09	.05	.05		.01						.20
MC HENRY																.03										.03
MOLINE WB AIRPORT	//														.01											.01
MURPHYSBORO WATER WORKS	//																	.01	.01							.02
PEORIA LOCK AND DAM	//															*	.04									.04
PEORIA WB AIRPORT																.02										.02
PITTSFIELD WATER WORKS																									.01	.01
QUINCY CAA	6														*	*	*	*	*	.03						-
ROCKFORD CAA	6														*	*	*	*	*	.28	*	*	*	*	*	-
SKOKIE N S TREAT WKS		.07	.06	.01	.01																					.15
SPRINGFIELD WB AIRPORT	//																				.01		.03		.01	.05
SPRINGFIELD WB CITY																					.01	.01		.01	.01	.04
STICKNEY W SIDE TREAT					.07																					.07
SULLIVAN WATER WORKS	//																		.01	.02						.03
WATERMAN	//																	.03		.02	.03					.08
—5th—																										
COLLINSVILLE			.01	.03				.01																		.05
JOLIET WB AIRPORT	6	.05																								-
PITTSFIELD WATER WORKS		.01	.02																							.03
ROCKFORD CAA	6	.11																								-
SPRINGFIELD WB AIRPORT	//	.01																								.01
—7th—																										
AUGUSTA		-	-	-	-	-	-	-	-	-																-
QUINCY DAM 21																								.04		.04
—8th—																										
ALEXIS WATER WORKS					.05	.08	.18	.13	.14	.07	.05	.02	.01													.73
AUGUSTA			.07	.26	.35	.85	.48	.06		.04	.02	.08	.16	.03												2.40
BEARDSTOWN LAGRANGE DAM	//					.16	.48	.16	.07	.13	.01				.01	.03	.03	.03	.01							1.12
BELLEVILLE SCOTT AF BSE	//							.16			.01	.02		.01		.10	.04	.01				.02				.37
BRADFORD CAA	6								*	*	*	*	*	.17												-
CAIRO WB CITY																	.05	.07			.01	.01	.01	.01		.16
CARPENTER 1 SW									.45	.04	.04	.02	.07													.62
CHICAGO SAN DIST OFF																						.26				.26
CHICAGO S FILTER PL																					.14	.01				.15
CHICAGO SPRINGFLD PUMP																							.01			.01
CHICAGO WB AIRPORT																									.01	.01
CHICAGO WB CITY																						.17	.02			.19
CISNE BROWN CAMP																					*	.10				.10
COLLINSVILLE								.08	.16	.01	.02	.03					.03	.12	.06	.04						.55
COULTERVILLE									.08								.28	.11	.01	.01	.01	.01			.11	.62
DANVILLE HOSPITAL																				.01	.03	.01	.05			.10
DIONA																.01	.03	.05	.09	.16	.04	.08	.01	.07	.18	.72
DOUGLAS									.05	.08	.07	.04	.07	.53	.10	.07	.03									1.04
DOWNS 2 NE														.03	.02	.03	.01	.01	.01							.11
DWIGHT STATE REFORM															.01	.02		.01	.01				.01	.03	.01	.10
EFFINGHAM CAA	//							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FAIRBURY WATER WORKS	//													.02	.01	.01	.02	.01				.01	.02	.01		.11
FARMER CITY														*	*	*	*	*	*	*	*	*	*	*	*	*
FULTON DAM 13											.06	.02														.08
GALATIA 1W											.15	.03														.18
GLENDALE EXP FARM																							.07	.02		.09
GOLCONDA DAM 51											.11	.02												.03		.16
GREENFIELD					.07	.07	.19	.01	.02						.02	.01	.01									.40
HOOPESTON																					.01	.02	.02	.01	.01	.07
HUDSON LK BLOOMINGTON													.01	.02	.01					.04	.08					.16
ILLINOIS CITY DAM 16						.03	.09	.11	.09	.01																.33
JACKSONVILLE SEWAGE PL					.02	.20	.35	.02					.01	.05			.04									.69
KEWANEE BAKER PARK							.15	.15	.09	.06	.10	.09			.01											.65
LANARK													.05													.05
LOUISVILLE													.03		.01	.01	.02	.04	.02			.08	.01	.14	.01	.37
MARIETTA						.02	.17	.23	.09	.18	.10	.03	.25	.13	.07	.03										1.30
MAROA												.01	.08	.03	.05	.01		.04		.02	.07			.01		.34
MASON CITY									.10	.02	.08	.03	.03	.04		.02			.01	.07	.01					.41
MOLINE WB AIRPORT	//						.06	.12	.07	.07	.04	.01	.01													.38
MORRISONVILLE									.09	.13	.17	.10	.04	.05	.01	.02	.06	.02	.05	.01	.04				.08	.87
MURPHYSBORO WATER WORKS	//													.02	.03			.03			.02	.62	.38	.26	.08	1.44
NEWTON															.02			.03	.05	.01	.01	.01		.01	.03	.17
PARIS SEWAGE PLANT																			.05	.02	.02	.01	.01	.08	.01	.20
PEORIA LOCK AND DAM										.06	.03	.07	.16	.12	.07	.08	.22	.20	.02	.03						1.06
PEORIA WB AIRPORT									.02	.06	.02	.11	.12	.09	.27	.21	.15	.01								1.06
PITTSFIELD WATER WORKS			*	*	*	*	*	*	.39																	.39
PRAIRIE DU ROCHER W WKS															.03	.17	.04	.03	.01	.03	.01					.32
PRINCETON 1 S										.04	.06	.02	.08	.04	.01											.25

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PROPHETSTOWN									.02	.03	.05	.04	.01													.15
QUINCY CAA	6		*	*	*	*	*	.36	*	*	*	*	*	.04	*	*	*	*	*	.01						–
QUINCY DAM 21		.02		.07	.17	.08	.02		.01		.01															.38
RANTOUL CHANUTE AF BASE	//																	.01	.02	.02	.02	.03	.01	.04		.15
RICHVIEW										.10	.10							.01	.08	.36		.01				.66
SPRINGFIELD WB AIRPORT	//						.02	.04	.05	.10	.07	.05	.09	.05	.03	.05	.08	.01	.01						.01	.66
SPRINGFIELD WB CITY							.02	.05	.07	.12	.06	.05	.05	.04	.02	.02	.05	.01							.02	.58
SULLIVAN WATER WORKS	//														.01	.04	.11	.12	.19	.22	.18	.17	.10		.04	1.18
URBANA EXP FARM																			.05	.04	.07	.04				.20
VANDALIA													.05			.18	.06	.01				.01	.02	.01	.06	.40
WENONA												.03	.03	.04			.07	.03								.20
WEST FRANKFORT 8 E																		.06	.02				.04			.12
–9th–																										
BELLEVILLE SCOTT AF BSE	//	.01	.02	.01																						.04
CAIRO WB CITY		.56					.01								.01	.07	.01									.66
CARPENTER 1 SW		.05						.05	.02																	.12
COULTERVILLE		.06	.02	.01																						.09
DANVILLE HOSPITAL		.02	.01	.01		.01																				.05
DIONA		.01	.04	.01					.10	.02																.17
DOWNS 2 NE			.02	.03					.01											.04	.01				.05	.16
EFFINGHAM CAA	//	*	*	*	*	*	*	*	*	*	*	*	*	1.93												1.93
FAIRBURY WATER WORKS	//		.01	.02	.01																					.04
FARMER CITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15							.15
GALATIA 1W			.20	.28	.02			.03																		.53
GLENDALE EXP FARM			.18	.04			.01	.02	.01					.03				.01		.01						.31
GOLCONDA DAM 51			.32	.02	.01			.05	.06						.01	.27	.01	.01								.76
HOOPESTON		.01	.01																							.02
HUTSONVILLE	//																.01	.02	.01	.01			.04	.01		.10
LOUISVILLE		.01																								.01
MAROA		.01	.09																							.10
MT CARMEL WATER WORKS																			.04	.03						.07
MURPHYSBORO WATER WORKS	//	.01	.01																							.02
NEWTON		.02	.01						.16	.01	.01															.21
PARIS SEWAGE PLANT		.03	.09	.03	.01	.07																				.23
RICHVIEW		.04	.19	.03			.04	.10	.05																	.45
SPRINGFIELD WB AIRPORT	//			.01	.01		.01																			.03
SPRINGFIELD WB CITY		.01	.02		.01	.02																				.06
SULLIVAN WATER WORKS	//	.01		.03	.03																					.07
VANDALIA		.11	.09																							.20
WASHINGTON												.01	.13	.09	.06			.15	.15							.59
WEST FRANKFORT 8 E							.12		.10	.60	.49				.06	.04			.02							1.43
–10th–																										
ALEXIS WATER WORKS																	.54	.12	.02		.16					.84
BRADFORD CAA	6														*	*	*	*	*	.30	*	*	*	*	*	–
CHICAGO CAL TREAT WKS																		.05	.03	.06	.02		.02	.01	.01	.20
CHICAGO LAKEVIEW PUMP																			.27	.02				.01	.01	.31
CHICAGO LOYOLA UNIV																		.01	.31	.05	.01			.01		.39
CHICAGO MAYFAIR PUMP ST																			.51	.04	.01			.02		.58
CHICAGO N BRA PUMP STA																		.31	.28	.04			.01	.02		.66
CHICAGO ROSELAND PUMP																		.03	.06	.04	.01		.03	.04	.01	.22
CHICAGO SAN DIST DISPAT																		.40	.13	.03			.01	.01		.58
CHICAGO SAN DIST OFF																		.15	.34	.04			.03	.03		.59
CHICAGO S FILTER PL																		.10	.02	.02				.01		.15
CHICAGO SPRINGFLD PUMP																			.80	.05			.01	.02		.88
CHICAGO UNIVERSITY																		.03	.05	.03			.01	.01	.01	.14
CHICAGO WB AIRPORT																		.12	.02	.02	.01		.02	.05		.24
CHICAGO WB CITY																		.35	.33	.02	.01		.01	.05		.77
CRETE																		.01	.42	.03	.15	.04	.01			.66
DANVILLE HOSPITAL																					.22	.17	.03			.42
DIONA		.02	.01	.02																						.05
DOUGLAS																		.21	.03	.01		.07	.01			.33
DOWNS 2 NE		.03	.02	.03																						.08
DWIGHT STATE REFORM																			.01	.04	.03	.02				.10
EVANSTON PUMP STA																			.31	.06	.01					.38
FAIRBURY WATER WORKS	//																			.01	.16	.03				.20
FARMER CITY																			.12	.03					.02	.17
FREEPORT SEWAGE PLANT																.37	.14	.07								.58
FULTON DAM 13																.31	.09									.40
HOOPESTON																		.26	.76	.58	1.16	.08	.02	.02	.01	2.88
HUDSON LK BLOOMINGTON																			.20	.03						.23
ILLINOIS CITY DAM 16															.20	.11	.02		.04							.37
JOLIET WB AIRPORT	6														*	*	*	*	*	.01	*	*	*	*	*	–
KANKAKEE SEWAGE PLANT																				.02	.02	.01	.01			.06
KEWANEE BAKER PARK		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30	.30
LANARK																.24	.20	.02								.46
LOCKPORT LOCK AND DAM																	.28	.02	.40						.02	.72
LOCKPORT POWER HOUSE																	.34		.42	.02			.01		.01	.80
MARIETTA																							.18			.18
MAROA																							.40			.40
MASON CITY																								.01	.01	.02
MC HENRY																			.25	.07	.03	.01				.36
MOLINE WB AIRPORT	//															.35	.08		.01	.03						.47
OREGON																		.11	.27	.02						.40
PEORIA LOCK AND DAM	//																		.05	.05			.05	.09	.01	.25
PEORIA WB AIRPORT																		.01	.21			.01	.10		.01	.34
PRINCETON 1 S	//																	.50	.15	.04	.01		.03			.73
PROPHETSTOWN																.20	.15	.03								.38
RANTOUL CHANUTE AF BASE	//																		.48	.42	.10					1.00
ROCKFORD CAA	6														*	*	*	*	*	1.03						–
SKOKIE N S TREAT WKS																		.11	.22	.04						.37
SPRINGFIELD WB AIRPORT	//																					.16	.44	.03		.63
SPRINGFIELD WB CITY																						.62	.67	.03		1.32
STICKNEY W SIDE TREAT																		.32	.11	.04			.01	.01		.49
SULLIVAN WATER WORKS	//																								.02	.02
URBANA EXP FARM																				.03	.01				.11	.15
WASHINGTON																			.25	.25	.08			.01		.59
WATERMAN	//																*	*	.55							.55
WENONA																			.10	.07	.08					.25
–11th–																										
BELVIDERE SEWAGE PLANT																		.08	.15	.04						.27
BRADFORD CAA	6	.07																								–
CHICAGO LAKEVIEW PUMP										.01																.01
CHICAGO MAYFAIR PUMP ST										.01																.01
CRETE				.06	.02	.02					.01	.01	.01	.01												.14
DANVILLE HOSPITAL		.32	.05				.01																			.38
EFFINGHAM CAA	//		.05	.07	.13																					.25
FARMER CITY			.03	.03																						.06
HOOPESTON			.08	.02	.01			.01		.02																.14
HUDSON LK BLOOMINGTON		.01																								.01
JOLIET WB AIRPORT		.05	*	*	*	*	*	.11																		–
KANKAKEE SEWAGE PLANT			.01	.01	.01																					.03

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LOCKPORT LOCK AND DAM		.08																						.08
LOCKPORT POWER HOUSE		.09						.01																.10
MAROA		.01	.01	.05																				.07
MASON CITY		.01	.02																					.03
RANTOUL CHANUTE AF BASE	//	.85	.04	.01																				.90
SULLIVAN WATER WORKS		.09	.03	.01																				.13
URBANA EXP FARM		.02		.25	.03																			.30
WASHINGTON		.06	.02																					.08
–12th–																								
AUGUSTA																					.06			.06
BEARDSTOWN LAGRANGE DAM	//																			.03				.03
BELLEVILLE SCOTT AF BSE	//													.25	.12	.02					.04	.11	.01	.01	.56
CARPENTER 1 SW																.02	.01	.03	.01	.01	.01			.04	.02	.15
COLLINSVILLE															.18	.09	.01	.01	.01	.06	.01	.06	.04	.01	.01	.49
COULTERVILLE		.01	.01										.01	.02	.29	.08										.42
GALATIA 1W																							.01	.01	.01	.03
GLENDALE EXP FARM																		.11	.03							.14
GOLCONDA DAM 51																		.06	.04							.10
GREENFIELD																			.01		.01		.01		.06	.09
LAWN RIDGE																							.13	.06	.04	.23
MORRISONVILLE																.02	.05	.02				.01				.10
MURPHYSBORO WATER WORKS	//															.39	.17									.56
PARIS SEWAGE PLANT			.02	.05	.05	.02	.01	.02	.02																	.19
PITTSFIELD WATER WORKS												.02	.02	.02	.04				.01				.01	.01	.01	.14
PRAIRIE DU ROCHER W WKS														.75	.24	.01				.20	.01					1.03
PRINCETON 1 S	//										–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
QUINCY CAA	6								*	*	*	*	*	.11	*	*	*	*	*	.03	*	*	*	*	*	–
QUINCY DAM 21											.08	.09	.07						.01	.02						.27
RICHVIEW																.03	.02				.02	.07	.01	.02	.07	.24
VANDALIA																	.01	.01								.02
–13th–																										
BELLEVILLE SCOTT AF BSE	//	.01	.02	.30	.35	.63	.18	.10	.04	.01	.06	.09	.05											.06		1.90
CAIRO WB CITY						.02	.04	.03	.38	.13			.01				.04									.65
CARPENTER 1 SW		.02										.22	.05	.06		.03										.38
CISNE BROWN CAMP											.02															.02
COLLINSVILLE				.01	.01	.63	.41		.12	.03		.12	.09	.01	.03	.02	.01									1.49
COULTERVILLE				.03	.12	.14	.13	.17	.10	.04	.03	.02	.04		.01	.02	.01	.01						.10	.15	1.12
GALATIA 1W					.01	.05	.01	.04	.01	.04	.01	.02	.02	.02												.23
GLENDALE EXP FARM								.05	.02	.07	.08	.19	.13													.54
GOLCONDA DAM 51									.02	.03		.08	.10	.02	.01	.01										.27
LAWN RIDGE		.06	.08	.07	.01													*	*	*	*	*	*	*	*	–
LOUISVILLE							.03	.02																		.05
MURPHYSBORO WATER WORKS	//				.09	.11	.11		.15	.59	.08	.07	.01												.57	1.78
PITTSFIELD WATER WORKS		.01										.03	.01													.05
PRAIRIE DU ROCHER W WKS			.02	.15	.20	.15	.15	.02	.02	.03	.42	.12	.03											.20	.07	1.58
QUINCY CAA	6	.02													*	*	*	*	*	.01						–
QUINCY DAM 21											.03								.04	.05	.01					.13
RICHVIEW			.01	.01		.14	.29	.22	.04	.35	.20															1.26
WEST FRANKFORT 8 E																.04	.08	.02	.02	.02				.02		.20
–14th–																										
BELLEVILLE SCOTT AF BSE	//			.01	.01														.35	.31		.03				.71
CAIRO WB CITY			.14	.10		.01	.01	.04	.02	.01	.01					.07								.05		.46
CARPENTER 1 SW		.05																								.05
CISNE BROWN CAMP					.03	.02	.02																			.07
COLLINSVILLE																			.74	.41						1.15
COULTERVILLE		.13	.03	.18					.02	.03	.03										.05	.55	.03	.01		1.06
FAIRBURY WATER WORKS	//																.01	.02	.01	.01						.05
GALATIA 1W		.02	.05																			.06	.24	.35	.05	.77
GLENDALE EXP FARM			.33	.12		.02	.18	.01								.54						.01	.01	.17	.07	1.46
GOLCONDA DAM 51			.03	.47	.02	.01	.02	.17									.13	.01	.01				.01	.08	.07	1.03
HUDSON LK BLOOMINGTON																		.02	.03							.05
LOUISVILLE							.10																			.10
MT CARMEL WATER WORKS		.10																								.10
MURPHYSBORO WATER WORKS	//	.07	.01							.40			.01	.01	.06	.11				.05		.04	.06	.05		.87
PARIS SEWAGE PLANT																						.04				.04
PRAIRIE DU ROCHER W WKS		.03						.03		.01											.48	.07		.01	.01	.64
RICHVIEW		.20		.01	.04	.07																				.32
SPRINGFIELD WB AIRPORT	//																		.01	.01						.02
VANDALIA																							.01			.01
WEST FRANKFORT 8 E									.05	.02								.02	.02			.03				.14
–15th–																										
BELLEVILLE SCOTT AF BSE	//		.01											.09	.11											.21
CAIRO WB CITY			.16	.09										.48	.12	.56	.03									1.44
COLLINSVILLE															.07	.08										.15
COULTERVILLE															.04	.04										.08
GALATIA 1W		1.24	.09	.56	.15	.03	.01	.01																		2.09
GLENDALE EXP FARM					.01			.01								.56	.18	.04								.80
GOLCONDA DAM 51		.03															.64	.08								.75
HUDSON LK BLOOMINGTON						.01																				.01
KANKAKEE SEWAGE PLANT																			.14	.01						.15
LOCKPORT LOCK AND DAM																				.03						.03
LOCKPORT POWER HOUSE																				.04						.04
MURPHYSBORO WATER WORKS	//														.02	.03										.05
PRAIRIE DU ROCHER W WKS		.01	.02											.02	.07											.12
RICHVIEW															.03	.06	.01									.10
WEST FRANKFORT 8 E						.82	.06																			.88
–16th–																										
LOCKPORT POWER HOUSE					.01																					.01
PRAIRIE DU ROCHER W WKS																		*	*	*	*	*	*	*	*	*
–17th–																										
BELLEVILLE SCOTT AF BSE	//																				.03	.04	.03	.02		.12
BRADFORD CAA	6														*	*	*	*	*	.02	*	*	*	*	*	–
CAIRO WB CITY																									.06	.06
CARPENTER 1 SW																			.16	.10	.14					.40
CHICAGO LOYOLA UNIV																		.07	.01							.08
CHICAGO MAYFAIR PUMP ST																	.23	.01								.24
CHICAGO N BRA PUMP STA																	.02	.01								.03
CHICAGO SAN DIST DISPAT																				.01						.01
COLLINSVILLE																						.03	.03	.02		.08
COULTERVILLE											.02	.08	.38	.09	.03	.01	.10	.09								.80
EVANSTON PUMP STA																.10	.14	1.45	.09							1.78
JACKSONVILLE SEWAGE PL																				.10						.10
JOLIET WB AIRPORT	6																				*	*	*	*	*	–
LOCKPORT POWER HOUSE																					.02					.02
MARIETTA																				.02	.03					.05

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MC HENRY																		.72	.28							1.00
MURPHYSBORO WATER WORKS	//																						.02	.21	.36	.59
SKOKIE N S TREAT WKS																.12	.16	.85	.11							1.24
STICKNEY W SIDE TREAT																			.03							.03
WATERMAN	//																.35			.10						.45
														–18th–												
BELLEVILLE SCOTT AF BSE	//		.05	.03	.17	.10			.02		.01															.38
BELVIDERE SEWAGE PLANT																	.13	.24								.37
BRADFORD CAA	6	.18																								-
CHICAGO CAL TREAT WKS																	.07	.04								.11
CHICAGO ROSELAND PUMP														.03	.01		.11	.03	.01							.19
CHICAGO SAN DIST OFF												.01		.01												.02
CHICAGO S FILTER PL																		.02								.02
CHICAGO UNIVERSITY												.07		.12	.02											.21
CHICAGO WB AIRPORT												.03		.32	.01											.36
CHICAGO WB CITY														.02												.02
CISNE BROWN CAMP			.02	.59	.04	.08	.21		.06	.03	.01						.02									1 05
COLLINSVILLE						.74	.48	.14	.06																	1.42
DANVILLE HOSPITAL									.05	.03	.25	.05	.01	.02	.02	.01		.01								.45
DIONA				.04	.06	.01	.01																			.12
EFFINGHAM CAA	//			.01	.06	.03	.07	.02	.06	.01																.22
FAIRBURY WATER WORKS	//								.01	.02	.02															.05
GLENDALE EXP FARM		.14	.32	.60	.02																					1.08
HOOPESTON									.01	.05	.05	.04	.06													.21
HUTSONVILLE	//		.06	.02	.40	.01	.01	.10	.34	.09	.01						.05									1.09
JOLIET WB AIRPORT	6	.01							*	*	*	*	*	.09	*	*	*	*	*	.01						-
KANKAKEE SEWAGE PLANT																						.01	.01			.02
KEWANEE BAKER PARK																		.15	.38	.03						.56
LOCKPORT LOCK AND DAM													.14	.04	.02											.20
LOCKPORT POWER HOUSE													.12	.02	.01											.15
LOUISVILLE			.04	.11	.18	.07	.01	.01																		.42
MORRISONVILLE						.01	.11	.03	.06	.01	.02															.24
MT CARMEL WATER WORKS						*	*	*	.20																	.20
MURPHYSBORO WATER WORKS	//	.11	.18	.01												.07	.01									.38
NEWTON			.43	1.12	.05	.10	.07		.02	.02																1.81
PARIS SEWAGE PLANT				.03	.35	.33	.19	.01	.02	.02		.01	.02	.01												.99
PRAIRIE DU ROCHER W WKS		*	*	*	*	*	*	*	*	*	*	*	.40													.40
PRINCETON 1 S	//	-	-	-	-	-	-	-	-	-	-	-														-
RANTOUL CHANUTE AF BASE	//									.01	.02	.03	.03													.09
RICHVIEW		.10	.01		.04	.02	.03			.01	.02															.23
STICKNEY W SIDE TREAT														.02	.01											.03
SULLIVAN WATER WORKS	//				.15	.33	.10	.05	.01	.01																.65
URBANA EXP FARM								.30	.16	.02		.02	.02													.52
VANDALIA																.15	.60	.11	.04	.03	.01					.94
WENONA										.01	.01															.02
WEST FRANKFORT 8 E							1.98	.08	.23	.15	.04															2.48
														–19th–												
BELLEVILLE SCOTT AF BSE	//																			.05						.05
COLLINSVILLE																					.01					.01
DIONA																					.01	.05				.06
PIPER CITY		-	-	-	-	-	-	-	-															-		-
PRAIRIE DU ROCHER W WKS																					.06					.06
														–21st–												
ILLINOIS CITY DAM 1																				.11	.08					.19
														–22d–												
CHICAGO LOYOLA UNIV																				.06						.06
EVANSTON PUMP STA																			.02	.11						.13
FREEPORT SEWAGE PLANT		.01	.01																.05							.07
MOLINE WB AIRPORT	//	-	-	-	-	-	-	-	-	-	-	-	-					.02	.10							.12
OREGON																				.20						.20
PROPHETSTOWN																			.10							.10
ROCKFORD CAA	6														*	*	*	*	*	.04						-
SKOKIE N S TREAT WKS																				.13						.13
														–23d–												
BELVIDERE SEWAGE PLANT																				.06	.43					.49
FREEPORT SEWAGE PLANT																.20	.06									.26
ROCKFORD CAA	6														*	*	*	*	*	.13						-
														–24th–												
CAIRO WB CITY								.01		.10	.01	.08					.01	.06	.01		.06	.02				.36
GALATIA 1W																						.06				.06
GLENDALE EXP FARM																		.04	.02		.07			.01		.14
GOLCONDA DAM 51																								.08		.08
MURPHYSBORO WATER WORKS	//									.02	.04	.04						.01	.03							.14
														–25th–												
EVANSTON PUMP STA										.01																.01
LANARK																			.07	.09	.17	.02			.05	.40
MC HENRY												.03	.03													.06
														–26th–												
AUGUSTA																	.04	.01								.05
BELVIDERE SEWAGE PLANT																						.38	.32	.31	.94	1.95
CHICAGO LOYOLA UNIV									.02																	.02
CHICAGO N BRA PUMP STA									.01																	.01
FREEPORT SEWAGE PLANT																		.02	.12	.01	.13	.24	.03		.16	.71
ILLINOIS CITY DAM 16																									.26	.26
LANARK												.01		.01					.03	.01	.14	.22	.05	.03	.02	.52
MC HENRY																									.30	.30
MOLINE WB AIRPORT	//																.16	.06	.05							.27
OREGON																			.02	.01	.27	.28	.21	.26		1.05
PROPHETSTOWN																		.19	.21	.03	.01	.01		.02		.47
QUINCY CAA	6		*	*	*	*	*	.02																		-
ROCKFORD CAA	6																				*	*	*	*	*	-
														–27th–												
BELLEVILLE SCOTT AF BSE	//																			*	*	*	*	*	*	*
BELVIDERE SEWAGE PLANT			.01	.02	.03				.01	.01	.02												.24	.01		.35
CARPENTER 1 SW																							.06	.07		.13
CHICAGO CAL TREAT WKS																								.01		.01
CHICAGO LAKEVIEW PUMP																					.50	.01				.51
CHICAGO LOYOLA UNIV																					.40	.15			.01	.56
CHICAGO MAYFAIR PUMP ST																						.32	.14			.46

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO N BRA PUMP STA																					.37	.08			.01	.46
CHICAGO SAN DIST DISPAT																	.41			.09	.07				.01	.58
CHICAGO SAN DIST OFF																	.38			.04	.08					.50
CHICAGO S FILTER PL																				.02						.02
CHICAGO SPRINGFLD PUMP																					.58					.58
CHICAGO UNIVERSITY																				.08	.16					.24
CHICAGO WB AIRPORT																		.05	.11	.42	.02					.60
CHICAGO WB CITY																				.33	.02					.35
COLLINSVILLE		-	-	-	-	-	-	-	-	-	-	-	-			.					.03		.10	.01	.05	.19
EVANSTON PUMP STA																					.06	.01				.07
FAIRBURY WATER WORKS	//												.02	.06												.08
FREEPORT SEWAGE PLANT		.36	.19	.03	.01	.04															.43	.48	.14	.02	.02	1.72
FULTON DAM 13								.03																		.03
GREENFIELD																						.01	.02	.01		.04
ILLINOIS CITY DAM 16																			.11	.12	.07					.30
KANKAKEE SEWAGE PLANT																.10										.10
KEWANEE BAKER PARK																		.19	.11							.30
MC HENRY						.23																		.01		.24
MOLINE WB AIRPORT	//																								.01	.01
MURPHYSBORO WATER WORKS	//																						.02	.05	.11	.18
OREGON		.04	.02	.02				.05																		.13
PIPER CITY														.24												.24
PRAIRIE DU ROCHER W WKS																					.25	.03	.04	.08	.07	.47
PROPHETSTOWN																					.07	.01				.08
RICHVIEW																							.01	.05	.04	.10
ROCKFORD CAA	6	1 46	*	*	*	*	*	.61													*	*	*	*	*	-
SKOKIE N S TREAT WKS								.02														.05	.01			.08
STICKNEY W SIDE TREAT																				.20	.03				.03	.26
VANDALIA											.04	.16	.10	.02	.03											.35
													-28th-													
ALEXIS WATER WORKS					.02		.04											.03								.09
AUGUSTA															.01	.04										.05
BELLEVILLE SCOTT AF BSE	//	*	*	*	*	*	*	*	*	*	*	*	*	.86												.86
BELVIDERE SEWAGE PLANT			.01	.02	.01																.14	.01			.25	.44
BRADFORD CAA	6														*	*	*	*	*	.21						-
CAIRO WB CITY												.28	.35	.07												.70
CARPENTER 1 SW		.02				.03	.01			.21	.07	.06														.40
CHICAGO CAL TREAT WKS																							.32		.01	.33
CHICAGO N BRA PUMP STA		.01																								.01
CHICAGO ROSELAND PUMP																							.13			.13
CHICAGO SAN DIST DISPAT																							.05		.01	.06
CHICAGO SAN DIST OFF		.02																					.02			.04
CHICAGO S FILTER PL																							.07	.03		.10
CHICAGO SPRINGFLD PUMP											.01															.01
CHICAGO WB AIRPORT		.04																				.01	.04			.09
CHICAGO WB CITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.03	.03
CISNE BROWN CAMP												.12	.16	.29	.03											.60
COLLINSVILLE		.02	.05	01	.03				.07	.21	.02	.03	.03													.47
COULTERVILLE																					.05	.11	.03	.24	.06	.49
DOUGLAS																	.22	.02								.24
DWIGHT STATE REFORM																								.40		.40
EFFINGHAM CAA	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.08	.08
EVANSTON PUMP STA			.01																		.02	.39				.42
FREEPORT SEWAGE PLANT																	.01	.04			.12	*				1.25
FULTON DAM 13																	.02				.01					.03
GALATIA 1W												.05	.18	.04												.27
GLENDALE EXP FARM													.56	.05	.07		.07									.75
GOLCONDA DAM 51													.03	.05												.08
GREENFIELD								.01	.05	.03	.01	.01	.01	.01	.01											.14
HUTSONVILLE	//													.04	.06											.10
ILLINOIS CITY DAM 16																	.06									.06
JACKSONVILLE SEWAGE PL								.02	.05	.03																.10
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
KEWANEE BAKER PARK								.10	.01	.07	.03	.03	.03	.15	.09				.01	.07	.11					.70
LANARK											.01	.02		.01	.01	.02	.11	.12	.02	.01	.01					.34
LOCKPORT LOCK AND DAM																						.20				.20
LOCKPORT POWER HOUSE																						.19				.19
MARIETTA												.03	.01			.06										.10
MASON CITY									.03	.02	.05															.10
MC HENRY		.02	.01										.26	.04	.03	.01						.70				1.07
MOLINE WB AIRPORT	//				.01		.01									.02				.11						.15
MORRISONVILLE										.07	.05	.03														.15
MURPHYSBORO WATER WORKS	//	.09	.01								.08	.20	.02													.40
NEWTON										.07	.03		.05	.14	.01											.30
OREGON																			.02	.03						.05
PEORIA LOCK AND DAM	//										.04	.01														.05
PEORIA WB AIRPORT											.01															.01
PITTSFIELD WATER WORKS									.17																	.17
PRAIRIE DU ROCHER W WKS		.03	.03	.02				.05	.17	.08	.10	.06	.02													.56
PRINCETON 1 S	//																		.05	.20						.25
PROPHETSTOWN								.02	.06	.01																.09
QUINCY CAA	6														*	*	*	*	*	.18						-
QUINCY DAM 21															.11											.11
RICHVIEW		.02	.03	.01	.01					.01	.02		.02													.12
ROCKFORD CAA	6	.55																			*	*	*	*	*	-
SKOKIE N S TREAT WKS		.01																				.14				.15
SPRINGFIELD WB AIRPORT	//									.09	.02															.11
SPRINGFIELD WB CITY										.05	.02															.07
STICKNEY W SIDE TREAT			.01																				.04			.05
WATERMAN	//																		.07		.03					.10
WEST FRANKFORT 8 E													.62	.60	.16											1.38
													-29th-													
BEARDSTOWN LAGRANGE DAM									.01	.07	.02															.10
BELVIDERE SEWAGE PLANT		.02	.01																							.03
CAIRO WB CITY									.01																	.01
COULTERVILLE		.11	.02	.01					.09	.01	.11	.12														.47
EVANSTON PUMP STA					.01																					.01
FULTON DAM 13																						.02				.02
GALATIA 1W													.48													.48
GOLCONDA DAM 51										.05																.05
JOLIET WB AIRPORT	6	.04																								-
LOCKPORT POWER HOUSE									.01																	.01
LOUISVILLE																				.03	.01					.04
MC HENRY									.02	.01																.03
PARIS SEWAGE PLANT								-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIPER CITY															.02	.01										.03
ROCKFORD CAA	6	.68																								-
													-30th-													
ALEXIS WATER WORKS						.06	.17	.10	.28	.10	.10	.02	.01	.01						.01	.02		.02	.02		.92
AUGUSTA			.02	.10			.13	.26	.41	.03	.04	.03														1.02
BEARDSTOWN LAGRANGE DAM									.96	.16	.03	.03	.64	.14	.01	.01	.01	.01								2.00

See reference notes following Station Index.

Station		A. M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P. M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
BELLEVILLE SCOTT AF BSE	//									.07			.02	.01	.02		.09		.37		.07	.02				.67
BELVIDERE SEWAGE PLANT																							.03	.02		.05
BRADFORD CAA	6								*	*	*	*	*	.02	*	*	*	*	*	.18	*	*	*	*	*	–
CAIRO WB CITY																							.04	.01		.05
CARPENTER 1 SW											.24	.01		.15												.40
CHICAGO CAL TREAT WKS															.01	.08	.01	.01	.16	.04	.06					.37
CHICAGO LAKEVIEW PUMP.																	.11	[illegible]	.01	.10	.06	.32				.65
CHICAGO LOYOLA UNIV																	.07	.10		.08	.01	.32				.58
CHICAGO MAYFAIR PUMP ST																	.07	.07	.03	.19	.08	.85				1.29
CHICAGO N BRA PUMP STA																.01	.10	.06	.02	.17	.06	.22				.64
CHICAGO ROSELAND PUMP																.06	.02		.16	.02	.08					.34
CHICAGO SAN DIST DISPAT																.04	.02		.10	.06	.54	.02				.78
CHICAGO SAN DIST OFF																	.01		.15	.09	.28	.02				.55
CHICAGO S FILTER PL																.25	.02		.25	.02	.27	.01				.82
CHICAGO SPRINGFLD PUMP																.01	.07	.02	.06	.15	.11	.70				1.12
CHICAGO UNIVERSITY																	.02		.15	.08	.61	.01				.87
CHICAGO WB AIRPORT																.13			.13		.17	.02				.45
CHICAGO WB CITY																.02	.02		.14	.06	.33	.03				.60
CISNE BROWN CAMP									.02											.06	.19	.35				.60
COLLINSVILLE											.08	.01	.07	.52			.58	.09	.05	.04	.02					1.46
CRETE														.03	.01	.04	.02		.39	.01	.17	.02				.69
DIONA																				.07	.09	.01	.01			.18
DOUGLAS										.13	.16		.01	.17	.01				.06							.54
DOWNS 2 NE															.01	.09	.01	.02								.13
DWIGHT STATE REFORM																		.02	.08							.10
EFFINGHAM CAA	//										*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.09	1.09
EVANSTON PUMP STA																	.01	.06		.10	.02	.18	.06			.46
FAIRBURY WATER WORKS	//																.05	.07								.12
FARMER CITY																		.05								.05
FREEPORT SEWAGE PLANT																.03	.03	.07	.04	.06	.03					.26
FULTON DAM 13											.04	.01		.01	.04											.10
GALATIA 1W								.20	.01	.01	.18				.01											.41
GLENDALE EXP FARM					.01																					.01
GOLCONDA DAM 51							.12	.33	.02			.09	.15	.02												.73
GREENFIELD		.02						.12	.01	.12	.07	.81	.02	.01	.02											1.20
HUDSON LK BLOOMINGTON															.02	.09										.11
HUTSONVILLE	//							.02				.06		*	*	*	*	.22	.56	.01			.13	.04		1.04
ILLINOIS CITY DAM 16									.11	.01	.01	.01	.03				.01		.01							.19
JACKSONVILLE SEWAGE PL								.10	.05	.03	.03	.17	.35	.01												.74
JOLIET WB AIRPORT	6														*	*	*	*	*	.44						–
KANKAKEE SEWAGE PLANT															.08	.01		.02	.01							.12
LOCKPORT LOCK AND DAM												.01	.01	.01	.27	.25		.06	.07							.68
LOCKPORT POWER HOUSE																.56		.02	.11							.69
LOUISVILLE									.02		.02	.08	.01	.01					.17	.09	.05	.10	.02	.01	.01	.59
MARIETTA									.25	.40	.15		.13	.03	.03		.01	.04								1.04
MAROA													.01	.01	.01	.07										.10
MASON CITY											.02	.03	.05	.17	.03											.30
MC HENRY																					.02	.02	.01			.05
MOLINE WB AIRPORT	//						.06	.19	.02	.06	.06			.05	.01	.01										.46
MORRISONVILLE													.75	1.13	.15	.01										2.04
MT CARMEL WATER WORKS							.03	.07		.10	.05										.53	.06		.01		.85
MURPHYSBORO WATER WORKS	//		.05		.01														.07						.01	.14
NEWTON																.04			.40	1.24	.01	.02	.01		.01	1.73
OREGON									.01	.01	.03						.09	.01								.15
PEORIA LOCK AND DAM	//											.02	.18		.01	.08			.01							.30
PEORIA WB AIRPORT												.14		.05	.05											.24
PIPER CITY																		.04	.06	.05	.02					.17
PITTSFIELD WATER WORKS								.27	.14		.10	.28	.27													1.06
PRAIRIE DU ROCHER W WKS													.05	.01		.01			.47	.13	.03		.01		.01	.72
PRINCETON 1 S	//														.10							.11	.01	.01		.23
PROPHETSTOWN							.01	.01	.08	.03	.02	.03	.01		.07	.09		.02								.37
QUINCY CAA	6		*	*	*	*	*	.44	*	*	*	*	*	.20												–
QUINCY DAM 21		.09	.11		.04	.26	.17	.07	.02	.04																.80
RICHVIEW								.20	.01	.09	.05						.05	.05	.07	.23	.14	.50	.26			1.62
ROCKFORD CAA	6														*	*	*	*	*	.05						–
SKOKIE N S TREAT WKS																	.04	.05		.09	.04	.24	.01			.47
SPRINGFIELD WB AIRPORT	//								.01	.08	.31									.62	.11					1.30
SPRINGFIELD WB CITY									.03	.20	.02	.01	.26	.44	.14	.03										1.13
STICKNEY W SIDE TREAT																.02	.02		.08	.01	.23	.01				.37
SULLIVAN WATER WORKS	//											.12	.02	.05	.03	.01	.01									.24
URBANA EXP FARM														.09												.09
VANDALIA												.04			.03	.01	.16		.02	.37	.05	.04	.01			.74
WASHINGTON																.09	.01									.10
WENONA																			.10							.10
WEST FRANKFORT 8 E																		.02								.02
–31st–																										
BELLEVILLE SCOTT AF BSE	//	.01	.01	.01	.01	.01												.05	.04	.06	.08	07	.05	.05	.05	.50
BRADFORD CAA	6	.05																								–
CAIRO WB CITY				.01	.01	.01	.03	.01	.05	.08	.07	.09	.15	.32	.17	.15	.09	.16	.08	.06	.01				.02	1.57
CAMP ELLIS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CARPENTER 1 SW																			.01	.05	.04	.13	.16	.01	.06	.46
CHICAGO CAL TREAT WKS												.01														.01
CISNE BROWN CAMP										.03	.03	.02	.02	.05	.16	.38	.26	.08	.18	.21	.12	.11	.05	.05	.14	1.90
COLLINSVILLE																			.10	.09	.11	.10	.05	.04	.08	.57
COULTERVILLE									.02	.03	.01	.01	.01	.02	.11	.08	.08	.25	.27	.25	.16	.24	.16	.10	.14	1.94
DANVILLE HOSPITAL																			.07	.08	.09	.19	.14	.13	.39	1.09
DIONA															.04	.06	.12	.08	.21	.27	.38	.52	.38	.19	.06	2.31
DWIGHT STATE REFORM			.04																							.04
EFFINGHAM CAA	//														.04	.09	.05	.03	.17	.15	.05	.11	.18	.07	.03	.97
FARMER CITY										.01				.01										.02	.03	.07
GALATIA 1W				.01	.03					.02	.05	.06	.10	.39	.27	.11	.19	.56	.13	.20	.13	.02	.02			2.28
GLENDALE EXP FARM						.02	.01	.01	.04	.29	.08	.09	.36	.37	.27	.22	.29	.31	.07	.01	.01	.01		.02	.03	2.51
GOLCONDA DAM 51								.05	.05	.18	.06	.11	.35	.20	.20	.15	.30	.19	.01							1.79
HOOPESTON																		.03	.01		.06	.09	.10	.11	.07	.47
HUTSONVILLE	//		.02	.01								.02	.01	.01	.03	.04	.17	.30	.40	.50	.90	.29	.26	.66	.81	4.43
LAWN RIDGE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LOUISVILLE														.01	.06	.18	.25	.15	.11	.15	.12	.18	.13	.08	.18	1.60
MARIETTA			.01																							.01
MAROA																								.01	.05	.06
MORRISONVILLE																						.18	.10	.10	.09	.47
MT CARMEL WATER WORKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.00				3.00
MURPHYSBORO WATER WORKS	//	.01	.01	.01	.01	.02	.01	.05	.08	.17	.35	.29	.23	.14	.10	.08	.16	.11	.09	.04	.02	.02	.01	.01	.04	1.83
NEWTON				.01			.01					.02		.01	.02	.09	.42	.27	.32	.31	.14	.18	.16	.01	.22	2.19
OREGON			.02	.01	.02																					.05
PARIS SEWAGE PLANT		–	–	–	–	–	–	–							.03	.02	.08	.07	.13	.20	.47	.63	.60	.54	.33	–
PIPER CITY																	.02	.01								.03
PRAIRIE DU ROCHER W WKS																.07	.05	.04	.03	.08	.08	.02	.01	.02	.05	.45
QUINCY DAM 21		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.06	.06
RANTOUL CHANUTE AF BASE	//																					.03	.05	.09	.12	.29
RICHVIEW				.01		.01	.02			.01				.03	.10	.10	.19	.15	.24	.21	.22	.20	.08	.05	.08	1.70
SULLIVAN WATER WORKS	//	.01	.01	.02						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.60	1.64
URBANA EXP FAR																				.12	.08	.10	.14	.10	.10	.64
VANDALIA																.05	.06	.04		.03	.06	.06	.18	.12	.04	.64
WEST FRANKFORT 8 E																.02	.06	.06	.15	.22	.17	.08	.20	.18	.07	1.21

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	80	78	81	75	82	85	85	80	84	80	78	73	75	78	85	88	86	76	75	70	77	84	87	85	80	76	81	79	70	68	71	79.1
	MIN	61	55	49	49	62	56	60	65	58	63	62	57	57	60	64	63	65	59	53	43	45	54	58	62	63	59	67	64	57	59	61	58.4
ALTON DAM 26	MAX	84	78	86	85	90	88	89	75	85	95	86	73	72	92	82	89	87	75	87	77	78	83	86	81	85	89	93	84	91	82	77	84.0
	MIN	68	59	54	56	62	60	60	65	63	62	63	61	62	66	66	64	64	62	57	48	47	51	58	62	60	67	67	65	65	64	65	61.1
ANNA 1NW	MAX	89	85	79	80			85	77	73	86	90	85	75	87	85	85	85	80	82	74	75	79	82	74	84	82	89	79	85	83	78	81.8
	MIN		68	51	53			57	64	65	62	63	63	66	67	65	64	66	66		51	46	49	54	64	65	63	66	64	67	66	68	61.6
ANTIOCH	MAX	80	74	75	74	74	81	83	79	83	85	68	70	74	79	87	89	84	65	72	67	75	79	83	82	75	74	72	75	74	66	73	76.5
	MIN	66	55	50	56	53	55	55	62	59	59	58	52	50	56	63	65	61	51	51	43	46	56	59	62	58	56	61	61	59	57	59	56.6
AURORA COLLEGE	MAX	82	75	78	82	78	84	85	82	85	89	72	74	78	81	86	82	89	66	80	69	75	81	86	84	80	87	84	79	78	78	74	80.4
	MIN	65	55	45	52	52	54	51	63	56	62	59	49	51	51	62	63	62	56	51	51	40	49	53	58	60	58	67	65	56	56	60	55.9
BELLEVILLE SCOTT AF	MAX	87	79	80	84	86	89	87	72	77	88	84	75	71	89	79	84	84	72	81	70	74	80	82	78	80	85	86	75	84	78	75	80.5
	MIN	67	59	53	55	64	61	59	68	65	62	65	63	66	68	66	64	65	65	60	53	48	50	59	65	66	65	67	67	66	68	68	62.5
BLOOMINGTON NORMAL	MAX	82	81	78	80	82	84	86	84	82	88	86	79	79	80	83	92	90	85	80	74	76	81	86	86	83	88	85	81	83	81	75	82.6
	MIN	64	60	48	56	60	53	56	65	61	64	64	54	55	59	65	63	65	59	50	45	44	53	59	64	59	60	62	67	60	60	63	58.6
CAIRO WB CITY	MA	92	85	79	80	84	84	84	80	73	87	90	85	77	86	87	85	87	80	82	74	76	78	83	74	82	83	89	81	84	83	73	82.2
	MIN	71	66	61	62	66	67	65	70	69	69	68	70	70	70	69	67	71	68	64	60	55	57	61	68	68	69	70	69	71	71	71	66.9
CARBONDALE SEWAGE PL	MA7	91	84	80	82	86	87	87	80	76	88	90	83	74	85	82	89	87	79	81	76	75	80	84	78	84	84	89	85	86	85	78	83.1
	MIN	71	70	51	51	66	66	54	65	67	61	61	62	67	67	66	68	64	67	60	55	45	48	53	63	67	64	68	65	67	65	69	62.4
CARLINVILLE 4E	MAX	82	77	79	79	87	85	87	81	80	87	82	77	75	81	81	88	87	80	82	70	74	79	85	82	83	87	88	80	86	78	76	81.5
	MIN	72	61	46	51	61	53	55	63	64	60	61	57	62	65	63	58	60	60	52	46	38	43	61	61	56	63	67	65	61	60	66	58.4
CARLYLE	MAX	85	84	78	82	83	85	87	77	76	85	81	76	72	82	77	88	86	77	82	73	75	81	84	80	80	86	90	80	83	82	74	81.0
	MIN	70	63	52	53	63	58	57	65	64	61	63	61	63	67	64	62	64	65	57	50	44	47	56	65	67	67	70	68	68	68	67	61.6
CHARLESTON	MAX			78	83	82	86	88	77	80	89	87	80	82			92	90	86	82	80	77	82	86	84	84	78	79	86	87	85	82	84.4
	MIN			51	52	62	55	56	61	62	60	65	57	58			64	65	65	59	49	43	48	54	58	59	63	67	66	65	64	67	59.1
CHICAGO HEIGHTS	MAX	82	71	78	80	76	82	85	82	86	90	70	74	79	82	87	92	90	69	81	70	76	82	86	85	85	89	88	80	81	80	69	80.9
	MIN	68	58	47	58	52	49	50	61	62	63	59	51	50	55	62	64	63	60	56	42	44	53	57	62	61	61	67	66	59	59	63	57.5
CHICAGO UNIVERSITY	MAX	85	69	72	72	72	75	83	80	82	85	68	70	74	80	85	90	86	66	78	64	74	81	84	84	78	79	86	78	74	72	68	77.2
	MIN	69	59	55	63	63	60	61	67	67	64	63	62	64	61	66	71	75	62	55	51	50	58	63	66	63	65	68	67	64	64	65	62.9
CHICAGO WB AIRPORT	MAX	83	69	77	77	76	80	86	82	85	87	70	74	80	84	87	93	88	65	79	69	75	82	86	87	78	91	88	78	75	78	71	80.0
	MIN	69	58	52	60	56	55	57	65	65	64	58	55	57	59	65	68	64	61	54	47	46	56	59	63	62	64	67	64	62	63	63	59.9
CHICAGO WB CITY	MAX	85	72	72	72	72	74	78	82	82	87	68	69	75	80	89	92	88	66	79	61	76	81	85	85	78	78	84	78	74	70	68	77.4
	MIN	71	60	56	63	65	63	66	71	69	64	64	64	65	66	71	74	64	62	56	54	55	62	63	68	62	65	67	70	64	64	65	64.4
CICERO	MAX	83	75	79	78	78	80	87	82	88	90	72	75	78	84	89	93	85	66	80	75	77	83	87	87	78	90	89	78	78	79	72	81.1
	MIN	68	59	51	59	56	54	56	63	63	62	54	57	60	65	67	65	61	53	45	45	56	59	62	62	61	69	67	60	63	63	59.6
DANVILLE	MAX	89	77	75	86	80	82	88	85	80	90	76	76	79	83	89	92	92	74	80	70	75	79	84	85	88	88	89	89	85	86	78	82.9
	MIN	69	60	53	51	56	51	52	60	61	60	62	55	55	57	65	66	64	63	60	48	40	48	51	56	58	60	67	66	65	60	67	58.3
DECATUR	MAX	80	76	80	83	83	87	88	74	82	87	79	78	81	78	78	90	88	76	80	72	76	81	86	85	81	88	88	76	85	81	74	81.3
	MIN	68	61	50	55	62	54	58	64	62	61	64	55	60	64	65	63	65	61	53	45	43	50	57	62	60	61	67	67	65	61	65	59.6
DIXON	MAX	84	76	77	81	81	83	86	84	85	89	75	72	79	80	88	90	87	74	77	68	75	83	86	85	82	84	81	77	75	66	74	80.1
	MIN	61	56	45	56	57	49	54	63	54	63	58	51	51	57	64	63	64	57	51	40	41	51	56	62	65	57	66	66	57	58	60	56.5
DU QUOIN	MAX	89	83	83	83	88	88	90	77	76	87	87	80	72	84	81	90	82	80	82	72	77	81	83	75	83	84	91	83	83	85	78	82.5
	MIN	71	65	54	55	64	58	60	66	67	63	63	64	66	68	67	67	67	65	60	54	47	51	58	65	67	66	68	66	68	69	70	63.2
EAST ST LOUIS	MAX	92	82	83	85	88	88	88	83	79	90	85	76	72	87	80	87	86	80	85	78	76	81	85	79	83	87	90	84	84	80	76	83.2
	MIN	74	62	53	57	63	61	61	67	65	62	65	64	65	68	66	66	67	65	57	53	48	53	61	64	63	68	66	62	66	68	67	62.8
EFFINGHAM CAA	MAX	83	77	76	81	81	83	86	77	79	86	79	77	77	82	79	88	87	74	79	68	74	78	83	82	83	85	87	75	84	81	75	80.2
	MIN	64	53	49	50	57	53	54	63	63	58	62	58	61	65	65	62	63	63	60	47	43	46	52	58	58	61	66	65	64	63	66	58.5
ELIZABETHTOWN	MAX	90	85	80	82	85	86	86	85	76	87	89	84	76	84	86	88	88	80	82	74	77	79	82	79	84	82	89	86	82	84	78	83.1
	MIN	72	70	52	53	61	58	57	61	67	67	60	65	68	67	68	64	64	67	63	58	47	49	52	63	65	62	67	66	67	67	68	62.4
FAIRFIELD	MAX	86	84	82	84	84	88	90	82	80	90	89	84	82	86	85	90	85	82	83	77	79	80	85	84	90	86	90	85	83	83	76	84.3
	MIN	70	63	52	46	56	57	58	62	65	70	64	62	64	66	65	67	68	66	62	56	46	57	52	62	65	65	66	65	62	66	68	61.7
FLORA	MAX	86	80	78	84	85	86	88	81		88	83	81	75	82	84	91	90	80	81	76	77	81	87	84	88	87	91	88	84	84	74	83.5
	MIN	71	64	53			54		65	65	60	62	59	63	63	65	65	64	66	67	51	46	45	67	60	63	64	68	64	66	65	65	61.8
FREEPORT	MAX	78	69	78	82	81	83	85	77	85	88	75	74	78	79	86	90	84	75	74	68	76	81	85	82	75	75	75	76	69	66	73	78.1
	MIN	61	54	45	55	55	50	51	62	54	61	57	50	49	56	64	59	64	50	49	38	42	51	58	63	58	54	64	67	58	56	58	55.3
FULTON DAM 13	MAX	80	74	78	78	82	82	85	79	83	86	80	70	77	80	88	87	83	73	72	69	76	82	83	83	76	75	82	77	72	68	71	78.4
	MIN	64	58	54	60	58	57	59	67	57	64	61	56	54	58	65	66	69	56	55	50	50	54	60	65	60	57	66	67	58	58	61	59.5
GALESBURG	MAX	84	72	83	74	86	85	86	83	85	88	80	70	78	81	82	89	88	79	77	72	76	83	86	84	84	86	83	77	74	65	70	80.3
	MIN	66	55	50	64	66	58	59	66	63	65	63	57	59	63	64	68	67	56	52	44	46	54	60	66	63	61	68	62	58	61	62	60.2
GALVA	MAX	84	74	81	74	82	85	87	75	84	88	77	78	76	80	86	90	88	79	74	70	76	83	88	86	84	84	84	80	75	71	72	80.5
	MIN	60	55	47	58	62	58	58	64	57	62	60	55	55	57	62	64	65	57	51	41	44	51	56	60	60	57	65	66	55	58	60	57.4
GOLCONDA DAM 51	MAX	89	87	75	77	83	84	86	78	75	84	88	83	74	84	84	87	86	78	80	72	76	78	82	74	80	82	86	82	84	82	72	81.1
	MIN	69	60	54	55	62	60	60	62	66	66	62	65	66	68	68	65	70	64	61	54	50	54	54	65	64	64	66	68	67	66	67	62.6
GREENVILLE	MAX	83	76	76	79	81	82	83	77	76	83	79	76	72	79	77	84	84	76	78	75	72	77	82	78	78	84	86	78	81	79	75	78.9
	MIN	71	63	54	57	64	58	60	64	64	62	63	60	62	65	65	63	67	66	58	51	49	52	55	63	63	65	67	67	66	66	65	61.8
GRIGGSVILLE	MAX	84	80	83	82	85	86	87	82	85	90	87	72	73	79	82	92	86	82	82	72	78	82	89	86	86	86	86	85	82	85	80	82.6
	MIN	66	58	52	58	58	55	56	63	58	63	61	56	59	60	60	61	61	60	53	41	47	51	55	59	58	62	66	63	57	59	61	58.0
HARRISBURG	MAX	91	85	80	80	85	85	85	76	76	86	90	83	77	84	87	87	88	80	82	75	78	81	85	81	86	82	92	82	81	85	74	82 9
	MIN	70	65	53	52	64	57	57	61	66	63	61	62	67	67	66	68	68	68	61	58	46	46	51	63	66	63	67	65	66	66	69	62.0
HAVANA	MAX	82	77	80	78	83	85	86	80	81	88	76	75	79	78	79	89	85	79	80	71	76	82	87	85	84	86	83	78	81	70	72	80.5
	MIN	65	61	51	57	60	55	57	66	62	64	64	56	60	62	63	63	65	62	54	47	44	51	53	61	60	62	68	67	58	62	65	59.5
HENRY	MAX	82	75	80	76	84	86	86	77	85	88	80	70	77	80	85	90	87	73									88	84	79	80	71	72	8ᵢ.6
	MIN	62	57	47	58	58	51	55	67	61	65	61	55	56	58	63	65	64	56									60	70	69	59	61	63	60.0
HILLSBORO	MAX	84	76	79	82	83	85	87	80	78	87	80	76	75	82	79	89	85	80	81	71	76	80	84	81	80	86	88	78	85	76	76	80.9
	MIN	69	61	50	53	61	55	56	64	63	68	63	59	61	65	68	60	63	52	53	47	42	47	55	60	57	63	66	65	64	60	65	59.5
HOOPESTON	MAX	82	73	77	81	81	84	85	83	83	87	78	70	78	80	84	89	89	75	80	70	73	77	83	83	84	87	86	81	84	84	76	80.9
	MIN	69	63	49	52	56	51	54	62	62	59	62	54	56	57	63	63	64	54	58	45	41	49	52	57	58	59	66	65	63	60	66	58.0
JACKSONVILLE	MAX	81	78	81	78	85	85	85	77	81	89	83	75	75	76	80	90	85	79	82	70	77	84	88	84	84	85	81	79	83	76	72	80.9
	MIN	66	61	49	55	61	55	57	64	63	61	64	58	62	63	66	65	64	62	55	46	40	47	57	62	62	67	66	66	60	63	64	59.7

See reference notes following Station Index.

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE	MAX	83				86	86	88	88	81	91	89		71	81	82	88	88	83	84	79	75	82	86	86	83	89	89	86	86	84	84	84.4
	MIN	66	59	53	52	62	58	58	66	61	63	63	59	63	66	63	62	65	63	56	51	46	52	58	62	62	67	69	66	63	63	64	60.7
JOLIET WB AIRPORT	MAX	83	67	79	83	78	83	85	80	85	92	73	74	80	83	87	93	89	65	82	70	76	83	86	86	84	90	87	81	79	81	72	81.2
	MIN	67	55	48	54	54	50	51	62	60	62	52	50	48	57	60	64	61	60	52	42	42	50	54	59	58	62	68	62	58	58	63	56.2
KANKAKEE	MAX	81	76	77	81	80	83	84	82	83	87	76	70	78	80	84	88	87	82	78	73	74	80	83	83	84	85	84	78	80	80	75	80.5
	MIN	70	60	52	58	57	53		62	64	65	62	55	54	60	63	66	66	63	58	46	44	52	54	60	60	61	67	67	61	59	65	59.5
KANKAKEE 4 W	MAX	81	74	74	81	77	81	83	80	81	87	78	69	76	79	83	88	87	84	77	73	73	80	84	84	83	86	85	79	80	80	74	80.0
	MIN	66	58	48	53	55	50	51	59	62	63	60	51	51	55	59	64	62	61	57	42	42	47	53	58	57	60	66	65	59	56	64	56.8
KEWANEE	MAX	84	78	79	78	82	83	86	73	88	80	78	78	76	80	86	88	90	78	74	68	76	83	86	87	85	85	80	80	75	71	77	80.4
	MIN	60	55	47	58	59	58	57	64	56	60	59	55	55	57	60	64	65	58	56	43	44	51	56	62	61	58	64	66	55	58	60	57.5
LA HARPE 1SW	MAX	85	84	82	80	85	86	85	81	84	88	78	76	80	77	84	89	86	75	78	69	77	83	87	86	82	85	82	80	76	71	79	81.3
	MIN	63	57	49	59	59	55	56	63	57	63	61	56	60	58	61	59	62	59	57	40	44	53	56	61	59	61	64	66	55	54	61	57.7
LA SALLE	MAX	84	76	80	80	84	87	89	77	87	92	80	73	84	86	90	94	92	71	81	72	78	85	90	89	89	93	87	79	79	74	75	83.1
	MIN	66	58	48	58	57	49	56	67	59	66	62	52	54	58	66	65	64	59	55	42	44	52	58	63	61	60	69	67	59	59	62	58.5
LINCOLN	MAX	82	77	80	82	84	86	87	80	83	89	81	75	81	82	79	92	87	79	82	72	77	84	88	84	87	88	85	81	85	76	75	82.3
	MIN	64	60	48	54	52	52	57	66	62	62	63	55	58	62	69	62	64	60	51	42	43	58	54	61	58	61	66	66	60	59	66	58.9
MARENGO	MAX	79	72	78	82	82	85	85	75	85	89	77	77	80	82	87	89	86	71	76	70	77	81	84	84	75	82	79	77	73	72	79	79.7
	MIN	64	54	45	53	50	48	50	60	55	62	51	47	47	52	63	62	58	55	49	40	41	53	58	60	58	54	63	61	59	56	58	54.4
MATTOON	MAX	84	75	76	81	80	82	85	79	78	85	78	77	78	80	80	87	87	73	78	68	73	78	83	83	83	85	87	76	83	80	75	79.9
	MIN	65	54	52	52	61	56	61	63	62	59	61	59	58	63	69	62	64	62	58	47	43	48	53	59	58	62	66	66	65	63	67	59.8
MC LEANSBORO	MAX	90	85	82	82	87	87	86	82	77	88	90	83	75	84	85	89	88	84	82	77	77	81	85	81	85	84	92	79	83	80	75	83.4
	MIN	70	66	53	52	65	57	58	63	65	63	63	62	65	67	66	67	64	67	62	55	47	47	53	63	67	65	67	65	65	66	68	62.0
MINONK	MAX	83	77	78	78	82	84	88	80	84	90	80	77	79	83	86	92	90	85	78	75	76	83	86	87	87	89	87	80	82	78	73	82.5
	MIN	62	55	45	51	55	49	55	62	62	66	59	52	53	55	62	66	67	56	47	38	40	48	51	57	57	57	62	63	55	55	60	55.5
MOLINE WB AIRPORT	MAX	80	72	80	73	81	83	87	77	83	88	77	70	77	80	87	90	85	74	74	69	76	84	88	86	74	78	82	79	72	65	70	78.7
	MIN	62	55	48	58	61	54	56	61	56	65	62	57	57	59	64	63	65	54	50	43	44	54	61	65	61	59	68	61	58	59	63	58.2
MONMOUTH AIRPORT	MAX	83	81	79	78	81	84	84	79	83	96	76	75	75	78	84	87	86	75	78	70	75	82	86	85	81	83	81	78	79	70	70	79.7
	MIN	65	54	46	60	57	57	52	63	52	62	60	54	55	57	67	58	63	57	50	44	45	54	56	60	61	53	64	60	57	56	60	56.7
MORRIS 3 NE	MAX	84	78	78	82	78	82	85	83	84	89	75	70	78	82	86	90	88	84	79	73	74	82	85	85	86	88	85	83	79	80	73	81.5
	MIN	66	58	48	55	56	48	52	63	61	64	60	50	50	56	61	65	64	58	55	42	44	51	56	61	60	59	68	67	59	57	62	57.3
MORRISON	MAX	80	73	81	80	84	86	88	80	86	89	78	70	80	81	90	92	88	78	76	72	78	85	87	86	76	81	82	79	72	65	73	80.5
	MIN	61	56	49	57	58	53	57	66	56	65	60	55	54	58	64	64	67	55	50	42	44	52	56	62	61	57	67	67	57	58	60	57.7
MORRISONVILLE 1 E	MAX	81	74	78	81	82	82	85	73	80	86	80	76	75	80	79	88	87	78	81	69	74	79	85	82	80	85	88	80	85	79	75	80.2
	MIN	68	62	50	52	60	55	55	64	63	59	63	57	61	65	65	59	62	62	53	46	45	48	54	60	56	62	67	65	63	59	65	58.8
MT CARMEL	MAX	89	86	85	85	86	88	89	86	84	88	85	86	82	86	85	91	90	80	80	81	79	80	82	86	88	88	90	89	85	85	81	85.3
	MIN	71	69							70	72	72	70	68	69	68	67	65	67	65	59	45	47	57	65	67	72	73	71	70	67	67	66.1
MOUNT CARROLL	MAX	83	78	78	78	81	83	85	80	85	85	77	72	79	79	87	88	84	75	71	69	77	81	85	83	77	77	78	81	70	64	74	78.8
	MIN	61	56	46	57	56	51	53	63	55	63	59	51	50	57	64	62	69	51	47	39	42	51	61	63	61	55	65	70	60	57	60	56.6
MT VERNON	MAX	87	81	81	86	87	90	91	82	80	90	87	80	73	83	82	89	89	82						83	86	87	90	81	89	86	78	84.6
	MIN	70	65	55	53	65	59	60	66	66	64	65	64	67	68	66	65	66	67						65	73	65	66	65	65	65	66	64.7
NEW BURNSIDE	MAX	86	84	76	80	82	85	87	75	72	82	88	82	73	83	87	84	86	78	77	70	73	77	82	75	80	81	88	77	80	82	72	80.1
	MIN	69	67	51	51	62	55	55	61	60	61	62	61	65	67	65	63	63	65	62	56	44	47	55	64	64	62	66	63	66	65	68	61.0
NEWTON	MAX	85	80	79	83	85	87	89	79	80	89	83	80	79	85	83	92	91	79	81	75	77	82	86	85	88	86	91	82	85	83	76	83.4
	MIN	68	58	48	47	62	53	52	58	63	56	63	59	60	62	65	61	61	63	61	51	42	43	47	56	61	61	64	62	63	63	66	58.0
OLNEY RADIO STA	MAX	85	85	80	83	83	85	88	80	77	89	81	83	75	85	83	94	90	79	80	77	76	80	85	84	88	85	84	82	86	82	73	82.8
	MIN	63	65	49	50	51	54	54	54	65	60	63	61	62	63	68	62	63	66	64	54	46	46	50	59	65	62	64	65	65	65	67	59.5
OTTAWA	MAX	85	75	80	83	85	87	88	76	89	93	81	70	81	82	87	96	96	76	83	75	79	84	88	85	87	90	87	79	83	75	74	83.2
	MIN	66	59	50	58	59	51	56	66	60	66	61	52	54	59	67	67	67	59	59	43	46	53	57	64	62	61	69	69	60	60	63	59.5
PALESTINE	MAX	87	82	78	86	85	86	90	83	78	90	82	81	84	87	85	95	93	75	81	73	78	82	87	89	90	87	92	82	87	82	74	84.2
	MIN	68	60	49	49	60	52	54	58	63	64	63	59	59	66	67	62	68	68	62	54	44	46	48	56	63	62	68	65	64	68	67	59.9
PANA	MAX	87	77	78	87	85	87	90	74	81	89	82	81	80	83	80	90	90	75	83	70	77	82	87	86	84	90	90	78	87	84	77	82.9
	MIN	69	62	52	55	62	57	59	64	63	61	63	57	63	66	66	63	65	64	55	47	45	48	54	60	59	64	66	66	66	64	65	60.3
PARIS WATER WORKS	MAX	85	78	77	84	83	85	87	84	81	88	80	77	83	84	83	92	91	80	80	89	75	79	85	85	86	88	89	82	84	83	77	83.4
	MIN	68	61	48	52	57	53	55	60	62	59	63	55	57	58	66	62	63	64	61	49	43	50	54	56	59	62	66	65	63	63	66	58.7
PEORIA WB AIRPORT	MAX	81	71	79	75	82	84	85	72	83	87	78	71	77	79	83	89	86	71	77	68	74	81	86	85	85	85	82	77	79	71	72	79.2
	MIN	65	55	50	57	64	56	60	64	62	64	60	57	58	60	63	62	66	58	51	43	45	52	55	63	60	60	67	64	57	61	63	58.8
PONTIAC	MAX	80	77	75	77	79	80	83	76	80	85	76	70	75	79	83	87	86	80	78	70	72	79	83	82	83	85	82	78	79	80	73	79.1
	MIN	65	59	50	56	57	53	56	64	61	65	61	54	56	56	62	65	65	59	56	44	45	52	54	60	58	62	66	66	59	58	63	58.3
QUINCY	MAX	86	78	83	76	85	85	87	79	88	90	84	73	71	78	82	91	83	76	80	71	80	87	92	87	82	87	84	80	79	72	70	81.5
	MIN	68	60	53	62	62	62	63	66	58	65	64	60	63	64	64	63	65	61	56	45	48	56	59	64	62	65	69	66	59	62	62	61.2
QUINCY CAA	MAX	80	74	81	74	84	85	85	71	83	88	79	70	74	78	84	87	85	76	79	70	75	83	87	85	83	86	82	78	79	68	70	79.5
	MIN	65	54	50	56	59	56	58	63	55	60	63	57	60	60	59	58	61	57	46	42	44	51	55	61	58	63	65	59	56	62	61	57.2
RANTOUL CHANUTE AF	MAX	81	69	77	80	82	84	85	78	82	87	77	72	77	77	83	90	88	70	78	71	75	79	85	83	84	87	86	76	84	81	75	80.1
	MIN	65	57	51	57	60	58	60	63	64	63	59	57	59	59	64	66	69	62	58	49	47	51	53	58	60	60	66	66	64	60	67	59.7
ROBERTS 3 N	MAX	81	75	75	79	79	82	86	80	80	85	75	70	77	80	84	91	89	78	78	70	74	80	84	85	86	88	87	81	82	85	74	80.6
	MIN	66	60	49	56	57	57	55	60	58	61	63	53	55	55	64	65	65	62	56	44	45	49	53	57	56	59	66	65	60	56	64	57.8
ROCKFORD	MAX	84	75	79	83	80	83	86	80	87	89	75	78	79	81	89	93	87	75	77	70	78	84	87	85	80	82	77	76	74	68	75	80.5
	MIN	61	55	47	65	55	53	54	63		64	58	50	49	58	64	62	67	54	55		45	55	59	62	60	56	65	65	59	57	60	57.8
ROCKFORD CAA	MAX	80	68	79	83	79	82	84	75	86	88	75	75	77	80	89	90	88	74	75	68	77	82	85	84	71	83	77	78	68	68	73	78.7
	MIN	63	52	47	55	53	51	55	57	55	58	52	51	49	59	64	63	59	53	47	40	44	54	61	63	56	55	65	62	57	57	59	55.4
RUSHVILLE	MAX	82	78	82	76	85	85	86	78	84	89	81	74	68	76	83	90	85	79	81	73	77	84	89	87	88	87	84	80	83	73	70	81.2
	MIN	64	58	51	57	64	57	60	63	58	62	64	59		64	61	60	64	60	54	48	43	52	54	62	60	63	66	65	57	63	64	59.2
SPARTA	MAX	89	84	83	86	88	90	89	82	76	88	89	80	72	84	86	87	86	80	83	75	76	81	84	76	82	86	90	89	86	86	78	83.6
	MIN	69	64	52	53	64	59	57	66	65	60	64	63	65	67	65	66	66	66	59	53	47	50	55	64	67	64	68	66	67	62	67	61.9
SPRINGFIELD WB AIRPORT	MAX	79	71	78	78	82	84	85	73	80	85	79	77	78	76	81	88	84	71	80	68	73	79	84	80	84	84	85	77	82	77	74	79.2
	MIN	65	54	50	57	61	54	59	63	63	62	61	56	61	65	64	60	65	57	51	46	44	51	59	62	58	63	68	66	61	60	65	59.1
SPRINGFIELD WB CITY	MAX	82	72	80	80	82	85	87	73	81	89	79	78	79	78	79	90	86	71	82	70	76	83	87	82	83	85	87	79	84	75	75	80.6
	MIN	69	62	55	61	64	59	63	64	64	67	63	57	63	68	66	65	69	62	57	54	49	56	60	64	61	64	69	68	65	62	66	62.5

See reference notes following Station Index

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STOCKTON	MAX	83	73	77	80	79	81	84	78	85	86	72	73	77	80	87	89	87	73	70	67	77	82	84	83	81	72	74	77	74	63	74	78.1
	MIN	59	53	47	55	55	50	55	62	55	60	56	49	46	51	63	62	65	48	48	41	45	50	62	61	59	55	61	66	58	55	57	55.1
SYCAMORE	MAX	82	70	78	82	80	85	86	75	86	90	74	76	80	82	88	92	88	70	76	69	76	83	87	85	86	87	80	77	72	73		80.5
	MIN	64	55	45	52	52	48	53	62	55	63	56	50	49	55	64	64	62	55	55	41	42	52	55	60	55	58	65	62	56	58		55.4
TABLE GROVE	MAX	81	72	79	75	82	85	85	75	82	88	75	73	79	76	81	90	86	75	78	70	76	83	87	85	86	86	80	77	78	68	70	79.5
	MIN	64	58	53	60	60	58	60	62	58	64	63	61	60	60	61	64	67	60	52	44	47	53	57	60	64	64	58	66	58	60	64	59.7
TUSCOLA	MAX	83	77	77	81	82	84	87	84	80	87	83	76	80	80	82	90	88	83	80	82	75	79	84	84	84	85	88	78	85	83	76	82.2
	MIN	69	61	48	52	56	62	55	63	63	59	65	56	58	62	65	62	64	63	58	46	43	48	52	58	58	62	65	66	65	62	66	59.1
URBANA	MAX	81	72	76	81	82	84	85	77	81	87	77	71	77	78	83	89	88	80	80	70	73	78	83	83	83	84	87	78	84	80	76	80.3
	MIN	69	62	51	56	60	54	59	64	61	61	64	55	58	62	65	63	65	64	58	48	44	51	54	59	59	61	66	66	64	60	65	59.6
VIRDEN	MAX	80	76	79	80	84	84	85	81	80	85	79	76	75	79	79	88	85	78	82	70	73	79	83	81	83	84	85	79	84	78	75	80.3
	MIN	68	61	50	54	60	55	60	64	63	60	62	57	61	65	66	59	65	61	52	44	43	49	56	61	58	63	66	65	63	60	65	59.2
WALNUT	MAX	84	81	79	79	83	87	88	84	85	90	77	73	79	82	90	91	90	80	78	69	77	85	87	88	84	87	83	78	75	73	71	81.8
	MIN	62	55	47	59	59	52	59	67	56	65	60	54	52	58	65	66	68	58	53	41	48	53	60	62	65	57	68	68	58	59	60	58.5
WATSEKA	MAX	84	77	76	82	80	83	86	83	82	83	77	70	78	82	85	91	89	78	80	74	75	81	85	85	87	90	86	80	83	86	72	81.6
	MIN	69	61	49	53	57	51	54	61	63	62	63	55	56	56	63	64	65	64	59	46	41	50	53	58	58	61	67	66	61	57	67	58.4
WAUKEGAN	MAX	81	75	78	73	74	78	80	81	88	80	69	71	75	77	91	92	85	63	76	67	77	81	86	86	79	77	72	77	70	68	70	77.3
	MIN	65	57	49	55	52	54	51	61	59	59	58	50	49	58	62	62	62	58	50	43	43	55	58	61	58	58	61	63	58	59	60	56.4
WHEATON COLLEGE	MAX	80	75	76	84	80	81	85	81	85	88	71	72	78	81	87	92	88	74	79	75	75	82	86	89	81	88	85	78	77	76	70	80.8
	MIN	67	57	48	54	50	48	54	60	57	64	57	50	52	52	64	66	66	57	51	42	42	53	56	61	63	59	64	66	62	57	61	56.8
WHITE HALL 1 E	MAX	79	88	80	82	86	85	88	85	84	90	88	78	72	79	82	91	88	80	83	73	75	82	87	84	84	86	86	82	85	85	75	83.0
	MIN	66	66	50	54	62	57	57	65	63	60	63	59	62	64	66	61	63	62	52	45	42	48	54	62	60	67	65	65	57	62	64	59.5
WINDSOR	MAX	85	75	78	82	81	83	86	78	79	87	82	77	78	81	80	87	88	81	80	68	74	79	84	83	82	85	87	78	84	82	75	80.9
	MIN	68	61	48	52	61	51	54	63	61	60	60	55	61	64	67	62	64	63	56	46	43	46	52	59	57	61	65	65	64	63	65	58.6

EVAPORATION AND WIND

Table 6

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Carbondale Sewage	EVAP	-	.25	.32	.12	.20	.22	*	*	.71	.02	*	*	*	*	*	1.61	-	-	.02	.21	.21	.26	*	*	.27	*	*	*	.56	.09	-	5.82B
	WIND	50	12	31	27	11	19	15	15	20	24	16	10	11	9	23	7	10	13	29	45	25	11	17	10	10	5	32	33	14	6	15	575
Rockford 4 NE	EVAP	.12	.21	.10	.13	.07	.28	.17	.18	.02	.15	.15	.20	.12	.14	.11	.13	.21	.16	.11	.16	.15	.28	.21	.09	.18	.06	-	-	-	.70	.00	4.44B
	WIND	9	21	22	8	1	3	1	15	4	6	8	5	1	9	7	3	9	17	6	25	6	17	52	31	45	14	13	9	29	4	0	400
Springfield WB AP	EVAP	.11	.19	.25	.38	.05	.18	.29	.35	-	.20	.27	.19	.12	.12	.04	.10	.20	.17	.13	.25	.22	.24	.32	.18	.25	.14	.23	.21	.06	.18	-	6.01B
	WIND	55	90	102	103	7	25	30	84	57	36	69	101	13	38	35	26	30	78	101	118	64	58	105	105	105	30	90	65	50	67	85	2032
Urbana Eng Campus	EVAP	.10	.13	.24	.19	.14	.17	.21	.20	.06	.11	.19	.12	.11	.12	.07	.08	.17	.16	.11	.15	.11	.19	.17	.16	.14	.12	.25	.07	.03	.15	.04	4.26
	WIND	14	19	29	8	17	15	7	11	14	11	30	21	23	29	12	6	9	18	21	25	8	15	18	21	15	15	33	3	17	16	10	510

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Albion	0055	Edwards	7	38 22	88 03	447		6P	Mrs. Bessie Ellen	3
Aledo	0072	Mercer	4	41 12	90 45	739	8P	6P	J. W. Parkinson	2 3 5
Alexis Water Works	0082	Warren	2	41 03	90 34	694		MID	Municipal Wtr. Wks.	3 4
Alton Dam 26	0137	Madison	4	38 53	90 11	432	MID	7A	Corps of Engineers	2 3 5
Anna 1 NW	0187	Union	5	37 28	89 15	629	7P	7P	J. Bon Hartline	2 3 5 7
Annawan	0195	Henry	6	41 24	89 55	620		5P	Robert J. Pont	3
Antioch	0203	Lake	1	42 29	88 06	770	7P	7P	Roy I. Kufalk	2 3 5 7
Augusta	0330	Hancock	1	40 14	90 57	680		MID	Ray Pierce	3 4
Aurora College	0338	Kane	1	41 45	88 20	744	7P	7P	Phy's Dept Aurora C	2 3 5 7
Barry	0445	Pike	4	39 41	91 03	640		5P	Wm. G. McNeal	3
Beardstown	0492	Cass	1	40 01	90 26	444		7A	Otto O. Swope	3
Beardstown Lagrange Dam	0497	Brown	1	39 56	90 32	434		MID	Corps of Engineers	3 4
Belleville Scott AF Base	0510	St. Clair	2	38 32	89 51	444	MID	MID	U.S. Air Force	2 3 4 5 7
Belvidere Sewage Plant	0583	Boone	6	42 16	88 52	778		MID	Edgar F. Bruns	3 4
Bentley	0598	Hancock	4	40 20	91 07	671		6P	Roy H. Gibbons	3
Benton	0608	Franklin	4	38 00	88 55	474		6P	Benton Water Dept.	3
Bloomington	0761	McLean	1	40 30	89 01			7A	C. C. Williams	3
Bloomington Normal	0766	McLean	1	40 30	89 00	830	8P	4P	Harry G. Johnson	2 3 5 7
Bluffs	0781	Scott	1	39 45	90 33	467		6P	Hugh Moore	3
Bradford CAA AP	0873	Bureau	1	41 13	89 37	795		MID	U.S.Civil Aero Adm	3 4
Brookport Dam 52	0993	Massac	5	37 08	88 39	335		6A	Corps of Engineers	3
Cairo WB City	1166	Alexander	4	37 00	89 10	314	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Camp Ellis	1230	Fulton	1	40 23	90 20	640		MID	Post Engr Wtr Supt	3 4
Canton	1250	Fulton	1	40 34	90 02	655		6P	Floyd D. Hammond	3
Carbondale Sewage Plant	1265	Jackson	4	37 44	89 12	420	7P	7A	Harold U. Hill	2 3 5 6
Carlinville 4 E	1280	Macoupin	1	39 17	89 49	627	6P	6P	Henry B. Hoelting	2 3 5 7
Carlyle	1288	Clinton	2	38 36	89 22	461	7P	7P	Thomas A. Murphy	2 3 5
Carmi	1296	White	7	38 05	88 10	399		8P	J. A. Rickenbach	3
Carpenter 1 SW	1304	Madison	4	38 53	89 54	520		MID	U.S. Soil Cons. Ser.	3 4
Casey	1329	Clark	7	39 18	88 00	648		6P	Walter A. Newlin	3
Centralia 4 W	1386	Marion	2	38 31	89 12	494		6P	Edgar V. Cavanaugh	3
Chandlerville	1412	Cass	1	40 03	90 09	464		6P	W. D. Upp	3
Channahon Dresden Isld	1420	Grundy	1	41 24	88 17	510		7A	Corps of Engineers	3
Charleston	1436	Coles	7	39 30	88 11	686	6P	6P	William H. Dykes	2 3 5
Chenoa	1475	McLean	1	40 44	88 44	713		MID	Mrs. Susan Jeffers	3
Chester	1491	Randolph	4	37 54	89 50	381		7A	Acklas H. Martin	3
Chicago Cal Treat Wks.	1522	Cook	3	41 40	87 36	593		MID	Chgo Sanitary Dist.	3 4
Chicago Heights	1527	Cook	3	41 30	87 38	634		7P	Alfred J. Cooper	2 3 5
Chicago Lakeview Pumping	1532	Cook	3	41 58	87 40	651		MID	Cty Engr Wtr Purif	3 4
Chicago Loyola Univ.	1537	Cook	3	42 00	87 40	592		MID	Chgo Sanitary Dist	3 4
Chicago Mayfair Pmpg Sta	1542	Cook	3	41 58	87 45	647		MID	Cty Engr Wtr Purif	3 4
Chgo N Branch Pump Sta.	1547	Cook	3	41 58	87 42	595		MID	Chgo Sanitary Dist.	3 4
Chgo Roseland Pumping	1552	Cook	3	41 42	87 38	659		MID	Cty Engr Wtr Purif	3 4
Chgo San Dist Dispatch	1557	Cook	3	41 50	87 42	602		MID	Chgo Sanitary Dist.	3 4
Chgo San Dist Office	1562	Cook	3	41 52	87 38	898		MID	Chgo Sanitary Dist.	3 4
Chicago S Filter Plant	1564	Cook	3	41 45	87 33			MID	Cty Engr. Wtr Purif	3 4
Chgo Springfld Pumping	1567	Cook	3	41 55	87 44	630		MID	Cty Engr Wtr Purif	3 4
Chicago University	1572	Cook	3	41 47	87 36	594	MID	MID	Univ. of Chicago	2 3 4 5
Chicago WB Airport	1577	Cook	3	41 47	87 44	623	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Chicago WB City	1582	Cook	3	41 53	87 38	823	MID	MID	U.S. Weather Bureau	2 3 4 5
Chillicothe	1627	Peoria	1	40 55	89 29	490		6P	David H. Dugan	3
Cicero	1648	Cook	3	41 51	87 46	608	7P	7P	George D. Lukes	2 3 5
Cisne Brown Camp	1664	Wayne	7	38 31	88 24			MID	Pure Oil Company	3 4
Clinton 1 S	1743	De Witt	1	40 08	88 58	746		6P	C. E. Corrington	3
Collinsville	1825	Madison	4	38 40	89 59	500		MID	Norma E. Evanko	3 4
Coulterville	1944	Randolph	4	38 11	89 36	590		MID	Harley L. Isom	3 4
Crete	2011	Will	3	41 27	87 38	675		MID	Village of Crete	3 4
Danville	2140	Vermilion	7	40 08	87 38	602	7P	7P	E. C. Hewes	2 3 5 7
Danville Hospital	2143	Vermilion	7	40 08	87 39	575		MID	Lakeview Hospital	3 4
Danville Sewage Plant	2145	Vermilion	7	40 08	87 39	555		7A	Ben Burt	3
Decatur	2193	Macon	1	39 51	88 57	682	7P	7P	Amelia Coonradt	2 3 5 7
Des Plaines 1 NW	2286	Cook	1	42 03	87 55	704		4P	George A. Bonemann	3
Diona	2330	Coles	7	39 22	88 08	660		MID	Maurice L. Reed	3 4
Dixon	2348	Lee	6	41 50	89 29	696	[illegible]	6P	William W. Shuck	2 3 5 7
Douglas	2397	Knox	1	40 47	90 05	650		MID	Willard D. Staggs	3 4
Downs 2 NE	2417	McLean	1	40 25	88 51	794		MID	Ada A. Devine	3 4
Du Quoin	2483	Perry	4	38 01	89 14	468	6P	6P	G. H. Knetzger	2 3 5
Dwight	2497	Livingston	1	41 06	88 25	641		6P	J. Frank Ziegler	3
Dwight St. Reformatory	2502	Livingston	1	41 05	88 28	641		MID	St. Ref. for Women	3 4
East Saint Louis	2614	St. Clair	4	38 37	90 07	413	7P	1A	Union Ele. of Ill.	2 3 5
Edwardsville	2679	Madison	4	38 49	89 58	554		6P	Arthur W. Jaggers	3
Effingham CAA AP	2687	Effingham	7	39 09	88 32	612	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
Elgin	2736	Kane	1	42 02	88 17	729		7P	W. O. Beckner	3
Elizabethtown	2750	Hardin	5	37 27	88 18	357		5P	U.S. Forest Ranger	2 3 5
Elsah	2800	Jersey	4	38 57	90 22	429		5P	The Principia Coll.	3
Evanston Pumping Sta.	2888	Cook	3	42 02	87 41	625		MID	Chgo Sanitary Dist.	3 4
Fairbury Water Works	2923	Livingston	1	40 44	88 31	691		MID	Dept. of Wtr Works	3 4
Fairfield	2931	Wayne	7	38 23	88 22	451	6P	6P	H. D. Willard	2 3 5
Farmer City	2993	De Witt	1	40 14	88 38	732		MID	Roy Neal	3 4
Flora	3109	Clay	7	38 40	88 29	490	6P	6P	Clay County Hospital	2 3 5
Freeport	3257	Stephenson	6	42 18	89 37	762	7P	7P	John Schroder	2 3 5
Freeport Sewage Plant	3262	Stephenson	6	42 17	89 36	751		7A	Sewage Treatment Pl.	3 4
Fulton Dam 13	3290	Whiteside	4	41 54	90 09	592	5P	8A	Corps of Engineers	2 3 4 5
Galatia 1 W	3304	Saline	5	37 51	88 37	410		MID	Josephine Harris	3 4
Galena	3312	Jo Daviess	4	42 25	90 26	603		6P	Orrin A. Merrifield	3
Galesburg	3320	Knox	1	40 57	90 22	780	MID	5P	James Barrett	2 3 5
Galva	3335	Henry	1	41 10	90 02	849	6P	6P	Arthur F. Johnson	2 3 5 7
Geneseo	3384	Henry	6	41 27	90 09	639		6P	Mrs. M. J. Bessant	3
Gibson City	3413	Ford	1	40 28	88 23	753		6P	Edward P. Bergstrom	3
Gladstone Dam 18	3455	Henderson	4	40 50	91 04	538		8A	Corps of Engineers	3
Glendale Exp. Farm	3482	Pope	5	37 26	88 41	500		MID	U.S. Soil Cons. Serv	3 4
Golconda Dam 51	3522	Pope	5	37 22	88 29	354	MID	6A	Corps of Engineers	2 3 4 5 7
Golden	3530	Adams	1	40 06	91 01	725		6P	G. W. Nethery	3
Grafton	3572	Jersey	4	38 58	90 26	404		7A	John A. DeSherlia	3
Grand Tower 2 N	3595	Jackson	4	37 40	89 30	367		3P	John A. Dickson	3
Greenfield	3666	Greene	1	39 20	90 12	556		MID	Fred S. Pewter	3 4
Greenup	3683	Cumberland	7	39 15	88 10	554		4P	Ettelbrick Shoe Co.	3
Greenville	3693	Bond	2	38 53	89 24	563	7P	7P	Deane J. McAlister	2 3 5 7
Gridley	3709	McLean	1	40 45	88 53	752		6P	Ezra D. Stoller	3
Griggsville	3717	Pike	1	39 43	90 44	685	6P	6P	Mrs. Ellen B. Harvey	2 3 5
Hardin	3850	Calhoun	1	39 09	90 37	700		6P	A. B. Campbell	3
Harrisburg	3879	Saline	5	37 44	88 32	366	6P	6P	Clyde Pittman	2 3 5 7
Harrisburg Disposal Pl.	3884	Saline	5	37 44	88 31			6A	W. Harrison Kibler	3
Havana	3930	Mason	1	40 18	90 03	451	7P	7P	L. L. Euteneuer	2 3 5
Havana No. 2	3940	Mason	1	40 18	90 04	460		7A	Ewald R. Trimpe	3
Henry	4017	Marshall	1	41 07	89 22	491	7P	7P	C. Haddon Perdew	2 3 5 7
Hillsboro	4108	Montgomery	2	39 09	89 29	626	6P	6P	H. A. Cress Jr.	2 3 5
Hoopeston	4198	Vermilion	7	40 28	87 40	717	6P	6P	Charles S. Flexman	2 3 4 5
Hudson Lk Bloomington	4269	McLean	1	40 40	88 56	740		MID	Ill State Wtr Sur	3 4
Hutsonville	4312	Crawford	7	39 07	87 40			MID	Ed S. Dry	3 4
Hutsonville Pwr Plant	4317	Crawford	7	39 06	87 40			7A	Ill Public Serv Co	3
Illinois City Dam 16	4355	Rock Island	4	41 25	91 01	554		8A	Corps of Engineers	3 4
Jacksonville	4442	Morgan	1	39 44	90 14	607	[illegible]	6P	Norbury Sanatorium	2 3 5
Jacksonville Sewage Pl.	4447	Morgan	1	39 44	90 14	575		MID	Municipal Sew Tr	3 4
Jerseyville	4489	Jersey	1	39 07	90 20	635	6P	6P	Edwin M. Porter	2 3 5
Joliet Brandon Rd Dam	4530	Will	1	41 30	88 06	543		7A	Corps of Engineers	3
Joliet WB Airport	4535	Will	1	41 30	88 10	584	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Kankakee	4593	Kankakee	1	41 07	87 52	631	7P	7P	Kankakee Water Co.	2 3 5 7
Kankakee 4 NW	4598	Kankakee	1	41 08	87 56	620	6P	6P	M. A. Durand	2 3 5
Kankakee Sewage Plant	4603	Kankakee	1	41 08	87 53	642		MID	Mun Sewage Trt Pl	3 4
Keithsburg	4655	Mercer	4	41 06	90 57	540		8A	Alfred M. Norris	3
Kewanee	4710	Henry	1	41 14	89 55	853	6P	6P	Cassius C. Conger	2 3 5
Kewanee Baker Park	4715	Henry	1	41 15	89 54	800		MID	Bennett E. Rose	3 4
Kickapoo	4729	Peoria	1	40 47	89 45			9A	Ben Hall	3
La Harpe 1 SW	4823	Hancock	1	40 35	90 58	691	6P	6P	Kent Campbell	2 3 5 7
Lanark	4879	Carroll	4	42 06	89 50	[illegible]		MID	William E. Aurand	3 4
La Salle	4922	La Salle	1	41 20	89 06	522	7P	3P	Westclox GTI Corp.	2 3 5
Lawn Ridge	4951	Marshall	1	40 58	89 38	828		MID	Henry H. Lukehart	3 4
Lawrenceville	4959	Lawrence	7	38 44	87 41	472		6P	Frank Bray	3
Leroy	5036	McLean	1	40 21	88 46	780		7P	O. J. Lere	3
Lincoln	5079	Logan	1	40 09	89 22	591	7P	7P	John Zurkammer Jr.	2 3 5 7
Lincoln No. 2	5084	Logan	1	40 09	89 21	600		7A	George L. Smith	3
Lockport Lock & Dam	5131	Will	1	41 34	88 05	585		MID	Corps of Engineers	3 4
Lockport Power House	5136	Will	1	41 34	88 05	585		MID	Chgo Sanitary Dist.	3 4
Louisville	5216	Clay	7	38 46	88 30	480		MID	Carl E. Farrell	3 4
Mackinaw	5272	Tazewell	1	40 [illegible]	89 21	646		6P	T. L. Haensel	3
Macomb	5280	McDonough	1	40 28	90 40	702		[illegible]	W. S. Newell	3
Marengo	5326	McHenry	6	42 15	88 36	819	6P	6P	Frank J. Mack	2 3 5 7
Marietta	5334	Fulton	1	40 30	90 24	546		MID	Joseph Ace McCance	3 4
Marion	5342	Williamson	4	37 44	88 55	448		5P	C. N. Danielson	3
Maroa	5364	Macon	1	40 02	88 57	725		MID	Nelson R. Smith	3 4
Marseilles Lock	5372	La Salle	1	41 20	88 43	486		7A	Corps of Engineers	3
Marshall	5380	Clark	7	39 23	87 42	606		6P	Anna F. Kannmacher	3
Mascoutah	5405	St. Clair	2	38 29	89 48	425		SS	Dr. Robt. F. Lischer	3
Mason City	5413	Mason	1	40 12	89 42	581		MID	Charles Flinspach	3 4
Mattoon	5430	Coles	7	39 28	88 21	718	MID	MID	Cen Ill Pub Serv Co	2 3 5
McHenry	5493	McHenry	1	42 21	88 16	750		MID	Fred C. Feltz	3 4
McHenry 2 S	5498	McHenry	1	42 19	88 15	742		6P	John J. Barnings	3
Mcleansboro	5515	Hamilton	5	38 05	88 32	500	6P	6P	F. G. Frazier	2 3 5
Medora	5539	Macoupin	1	39 10	90 08	622		7P	M. F. Dodge	3
Minonk	5712	Woodford	1	40 54	89 02	751	7P	7P	City of Minonk	2 3 5
Moline WB Airport	5751	Rock Island	6	41 27	90 31	589	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Monmouth Airport	5768	Warren	4	40 55	90 38	770	6P	6P	Martin Airways Inc	2 3 5 7
Monticello	5791	Piatt	1	40 02	88 34	659		4P	C. H. Wittig	3
Morris	5820	Grundy	1	41 21	88 26			7A	Roy Webb	3
Morris 3 NE	5825	Grundy	1	41 24	88 22	549	6P	6P	Donald M. Pyatt	2 3 5
Morrison	5833	Whiteside	6	41 49	89 58	670	7P	7P	Ralph H. Green	2 3 5
Morrisonville	5841	Christian	1	39 25	89 27	638		MID	Frank A. Lowis	3 4
Morrisonville 1 E	5846	Christian	1	49 25	89 26	638	7P	7P	John R. Lowis	2 3 5 7
Mount Carmel	5888	Wabash	7	38 25	87 46	465	6P	7A	Frank D. Talley	2 3 5 7
Mount Carmel Water Wks.	5893	Wabash	7	38 25	87 45	424		MID	Mt Carmel Wtr Wks	3 4
Mount Carroll	5901	Carroll	4	42 05	89 58	817	7P	7P	James F. McCray	2 3 5
Mount Olive	5917	Macoupin	4	39 04	89 43	681		6P	Henry W. Johnson	3
Mount Pulaski	5927	Logan	1	40 00	89 17	687		5P	Alva Brown	3
Mount Sterling	5935	Brown	1	39 59	90 46	711		7P	F. E. Sahland	3
Mount Vernon	5943	Jefferson	4	38 19	88 54	463	7P	7P	Lawrence Collins	2 3 5 7
Murphysboro Water Works	5983	Jackson	4	37 46	89 19	420		MID	Murphysboro Wtr Co	3 4
Nashville 3 NW	6011	Washington	2	38 23	89 25	505		6P	R. E. Schleifer	3
Newark 7 E	6069	Kendall	1	41 32	88 27	707		6P	Warren S. Gray	3
New Boston Dam 17	6080	Mercer	4	41 11	91 03	548		8A	Corps of Engineers	3
New Boston	6085	Mercer	4	41 10	91 00	571		7A	H. I. Harris	3
New Burnside	6093	Johnson	5	37 35	88 46	560	7P	7P	Miss Mae McCabe	2 3 5
Newton	6159	Jasper	7	39 00	88 10	513	6P	6P	James W. Wells Jr.	2 3 4 5
Olney Radio Station	6446	Richland	7	38 42	88 04	472	5P	5P	Radio Station WVLN	2 3 5 7
Oregon	6490	Ogle	6	42 01	89 20	700		MID	Carnation Company	3 4
Oregon Water Works	6492	Ogle	6	42 01	89 20	702		8A	Alan Grant	3
Ottawa	6526	La Salle	1	41 22	88 50	474	7P	7P	John A. Beed	2 3 5 7
Palestine	6558	Crawford	7	39 00	87 37	514	7P	7P	H. M. Gaddis	2 3 5
Pana	6579	Christian	2	39 23	89 05	696	7P	7P	C. E. Schumacher	2 3 5
Paris Sewage Plant	6605	Edgar	7	39 37	87 41	735		MID	City of Paris	3 4
Paris Water Works	6610	Edgar	7	39 38	87 42	739	7P	7P	City of Paris	2 3 5
Paw Paw	6661	Lee	1	41 41	88 59	928		5P	W. A. Woods	3
Payson	6670	Adams	4	39 49	91 14	640		8P	Edith A. Robbins	3
Peoria Lock & Dam	6706	Peoria	1	40 37	89 39	445		MID	Corps of Engineers	3 4
Peoria WB Airport	6711	Peoria	1	40 40	89 41	654	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Peotone	6725	Will	1	41 20	87 48	722		2P	Miss Mina Cuti	3
Peru	6751	La Salle	1	41 20	89 08			7A	CLOSED --	8-11-50
Petersburg	6760	Menard	1	40 01	89 51	524		4P	Frank B. Rainey	3
Piper City	6819	Ford	1	40 45	88 11	670		MID	Isaac B. Griffith	3 4
Pittsfield Water Works	6833	Pike	4	39 39	90 48	724		MID	Raymond T. Loyd	3 4
Pleasant Hill 2 E	6861	Pike	4	39 27	90 50	540		6P	Lou Galloway	3
Pontiac	6910	Livingston	1	40 53	88 37	647	6P	6P	Roger Williams	2 3 5 7
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		MID	Lewis Tebeau	3 4
Princeton 1 S	6996	Bureau	1	41 21	89 28	700		MID	Miles W. Bryant	3 4
Princeville 2 NW	7004	Peoria	1	40 57	89 47	745		6P	Frank S. Stewart	3
Prophetstown	7014	Whiteside	6	41 40	89 56	625		MID	Ill Northern Ut Co	3 4
Quincy	7067	Adams	4	39 57	91 24	601	7P	7P	A. H. Gibson	2 3 5
Quincy CAA AP	7072	Adams	4	39 56	91 11	670	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Quincy Dam 21	7077	Adams	4	39 54	91 26	483		8A	Corps of Engineers	3 4
Quincy Memorial Bridge	7082	Adams	4	39 56	91 24			7A	Melvin Brinkoetter	3
Rantoul Chanute AF Base	7150	Champaign	7	40 18	88 09	744	MID	MID	U.S. Air Force	2 3 4 5 7
Red Bud	7157	Randolph	2	38 13	90 00	444		5P	Dr. H. Le Saulnier	3
Richview	7244	Washington	2	38 22	89 11	544		MID	Mrs. Mabel F. Martin	3 4
Roberts 3 N	7336	Ford	7	40 40	88 11	786	7P	7P	R. E. Bradbury	2 3 5 7
Rochelle	7349	Ogle	6	41 55	89 04	798		3P	California Pkg Corp	3
Rockford	7375	Winnebago	6	42 15	89 05	720	6P	6P	F. W. Knowlton	2 3 5
Rockford CAA AP	7380	Winnebago	6	42 21	89 03	743	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Rock Island Dam 15	7388	Rock Island	4	41 31	90 34	568		8A	Corps of Engineers	3
Rockport	7400	Pike	4	39 32	91 00	470		6P	Harry Williams	3
Rushville	7551	Schuyler	1	40 07	90 34	683	6P	6P	Gain Bros. Greenhse	2 3 5
Ste Marie	7603	Jasper	7	38 56	88 01	448		7A	Judson E. Cameron	3
Salem	7636	Marion	2	38 37	88 57	544		5P	Frank G. Brown	3
Shawneetown New Town	7859	Gallatin	5	37 43	88 10	350		6A	Jake H. Stewart	3
Sidell	79[illegible]2	Vermilion	7	39 55	87 49			7A	Gary Lane	3
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		MID	Chgo Sanitary Dist.	3 4
Sparta	8174	Randolph	4	38 08	89 42	538	6P	6P	Howe V. Morgan	2 3 5 7
Springfield WB Airport	8179	Sangamon	1	39 50	89 40	587	MID	MID	U.S. Weather Bureau	2 3 4 5 6 7
Springfield WB City	8184	Sangamon	1	39 48	89 39	598	MID	MID	U.S. Weather Bureau	2 3 4 5
Stickney W S Treat Wks	8278	Cook	1	41 49	87 46	636		MID	Chgo Sanitary Dist.	3 4
Stockton	8293	Jo Daviess	4	42 21	90 00	1000	5P	5P	E. A. Curtiss	2 3 5 7
Streator	8353	La Salle	1	41 07	88 50	625		7P	H. W. Prafcke	3
Sullivan Water Works	8389	Moultrie	2	39 34	88 37	686		MID	A. B. Fultz	3 4
Sycamore	8452	De Kalb	6	41 59	88 41	840	8P	8P	Frank [illegible] Dean	2 3 5 7
Table Grove	8460	Fulton	1	40 22	90 25	734	7P	7P	C. A. Hammond	2 3 5 7
Taylorville	8491	Christian	[illegible]	39 33	89 18	634		6P	John W. Coale	3
Tiskilwa	8604	Bureau	1	41 18	89 30	512		6P	Orville I. Weaver	3
Toulon	8630	Stark	1	41 06	89 52	752		5P	Ernest R. Robson	3
Tuscola	8684	Douglas	7	39 48	88 17	653	6P	6P	Perry Stackhouse	2 3 5 7
Urbana	8740	Champaign	7	40 08	88 13	743	7P	7P	State Water Survey	2 3 5
Urbana Exp. Farm	8745	Champaign	7	40 06	88 15			MID	U.S. Soil Cons Serv	3 4
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730		7A	State Water Survey	3 6
Utica Starved Rock Dam	8756	La Salle	1	41 19	88 59	464		7A	Corps of Engineers	3
Vandalia	8781	Fayette	2	38 58	89 07	503		9A	Ernest E. Bricker	3 4
Virden	8860	Macoupin	1	39 30	89 46	674	6P	6P	E. M. Watkins	2 3 5
Walnut	8916	Bureau	6	41 33	89 35	714	6P	6P	Carl F. Nelick	2 3 5
Warsaw	8976	Hancock	4	40 21	91 26	490		5P	Charles Ewing	3
Washington	8990	Tazewell	1	40 42	89 25	740		MID	Mrs. J. J. Longley	3 4
Waterloo	9002	Monroe	4	38 20	90 09	717		4P	E. H. Wolf	3
Waterman	9010	De Kalb	1	41 46	88 46	779		MID	Wm. Ray Clarke	3 4
Watseka	9021	Iroquois	1	40 46	87 44	634	7P	7P	Benjamin Jordan	2 3 5
Waukegan	9029	Lake	3	42 21	87 51	668	7P	7P	R. W. Flagg	2 3 5
Wayne City	9040	Wayne	7	38 21	98 35	385		7A	Paul F. Nichols	3
Wenona	9090	Marshall	1	41 03	89 03	700		MID	Leonard H. Foley	3 4
West Frankfort 8 E	9140	Franklin	[illegible]	37 54	88 48	480		MID	Ill State Wtr Surv	3 4
Wheaton College	9221	Du Page	1	41 52	88 06	753		6P	Wheaton College	2 3 5
White Hall 1 E	9241	Greene	1	39 26	90 23	578	5P	5P	Oscar Watt	2 3 5 7
Wilcox	9274	Clay	7	38 38	88 18			7A	E. Lowell Routt	3
Windsor	9354	Shelby	2	39 26	88 36	685	6P	6P	Mrs. Herbert Rose	2 3 5

NEW STATIONS

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Rockford 4 NE	7377	Winnebago	6	42 17	88 59	850		7A	Mrs. D. S. Cummings	3 6
Ø La Salle 1 S	4923	La Salle	1	41 19	89 06			7A	Arthur J. Fischer	3

Ø Gage moved from Peru. La Salle 1 S record will be a continuation of Peru record.

‡ Drainage Code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the postoffice.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

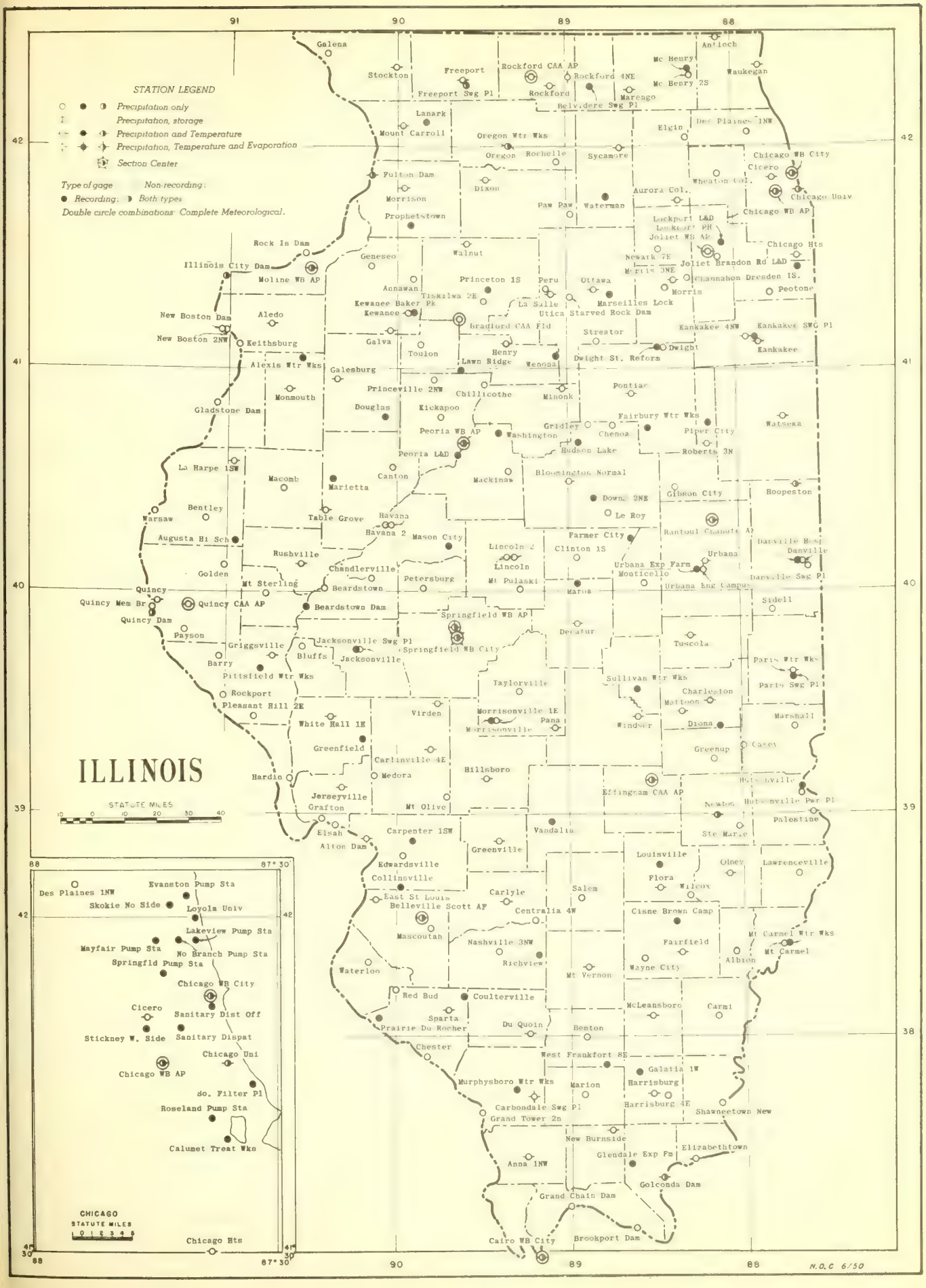
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 C.S.T.

	No record in Tables 3, 4, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
AR	This entry in time of observation column in Station Index means after rain.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo. -- 10-19-50 -- 1275


STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage Non-recording:
Recording: Both types
Double circle combinations: Complete Meteorological.
ILLINOIS
STATUTE MILES
10 0 10 20 30 40
Galena
Stockton
Freeport
Freeport Swg Pl
Rockford CAA AP
Rockford 4NE
Rockford
Belvidere Swg Pl
Marengo
Mc Henry
Mc Henry 2S
Antioch
Waukegan
Lanark
Mount Carroll
Oregon Wtr Wks
Oregon
Rochelle
Sycamore
Elgin
Des Plaines 1NW
Chicago WB City
Cicero
Wheaton Col.
Chicago Univ
Fulton Dam
Dixon
Morrison
Prophetstown
Paw Paw
Waterman
Aurora Col.
Chicago WB AP
Lockport L&D
Lockport PH
Joliet WB AP
Rock Is Dam
Illinois City Dam
Moline WB AP
Geneseo
Walnut
Newark 7E
Joliet Brandon Rd L&D
Chicago Hts
Morris 3NE
Channahon Dresden 1S.
Morris
Peotone
Annawan
Princeton 1S
Peru
Ottawa
Tiskilwa 2E
Kewanee Baker Pk
Kewanee
La Salle
Marseilles Lock
Utica Starved Rock Dam
New Boston Dam
Aledo
New Boston 2NW
Keithsburg
Bradford CAA Fld
Streator
Kankakee 4NW
Kankakee SWG Pl
Kankakee
Galva
Toulon
Henry
Lawn Ridge
Wenona
Dwight St. Reform
Dwight
Alexis Wtr Wks
Galesburg
Princeville 2NW
Chillicothe
Minonk
Pontiac
Monmouth
Gladstone Dam
Douglas
Kickapoo
Fairbury Wtr Wks
Watseka
Peoria WB AP
Washington
Gridley
Chenoa
Piper City
Budson Lake
Roberts 3N
Peoria L&D
La Harpe 1SW
Macomb
Marietta
Canton
Mackinaw
Bloomington Normal
Gibson City
Hoopeston
Bentley
Warsaw
Table Grove
Havana
Havana 2
Mason City
Le Roy
Augusta Hi Sch
Rushville
Lincoln 2
Clinton 1S
Farmer City
Rantoul Chanute AF
Danville
Golden
Chandlerville
Petersburg
Lincoln
Urbana Exp Farm
Monticello
Urbana
Urbana Eng Campus
Danville Swg Pl
Quincy
Mt Sterling
Beardstown
Mt Pulaski
Marora
Quincy Mem Br
Quincy CAA AP
Beardstown Dam
Quincy Dam
Springfield WB AP
Sidell
Payson
Griggsville
Jacksonville Swg Pl
Springfield WB City
Jacksonville
Decatur
Tuscola
Barry
Bluffs
Pittsfield Wtr Wks
Paris Wtr Wks
Paris Swg Pl
Sullivan Wtr Wks
Rockport
Pleasant Hill 2E
Taylorville
Charleston
Mattoon
Virden
Morrisonville 1E
Morrisonville
Pana
Windsor
Diona
Marshall
White Hall 1E
Greenfield
Carlinville 4E
Medora
Hillsboro
Greenup
Casey
Hardin
Jerseyville
Grafton
Mt Olive
Effingham CAA AP
Newton
Hutsonville
Hutsonville Pwr Pl
Palestine
Elsah
Alton Dam
Carpenter 1SW
Vandalia
Ste Marie
Greenville
Louisville
Olney
Lawrenceville
Edwardsville
Collinsville
Flora
Wilcox
East St Louis
Belleville Scott AF
Carlyle
Salem
Centralia 4W
Cisne Brown Camp
Mascoutah
Nashville 3NW
Fairfield
Mt Carmel Wtr Wks
Mt Carmel
Albion
Richview
Waterloo
Mt Vernon
Wayne City
Red Bud
Coulterville
McLeansboro
Carmi
Sparta
Prairie Du Rocher
Du Quoin
Benton
Chester
West Frankfort 8E
Galatia 1W
Murphysboro Wtr Wks
Marion
Harrisburg
Harrisburg 4E
Carbondale Swg Pl
Shawneetown New
Grand Tower 2n
New Burnside
Elizabethtown
Glendale Exp Fm
Anna 1NW
Golconda Dam
Grand Chain Dam
Cairo WB City
Brookport Dam
Evanston Pump Sta
Des Plaines 1NW
Skokie No Side
Loyola Univ
Lakeview Pump Sta
Mayfair Pump Sta
No Branch Pump Sta
Springfld Pump Sta
Chicago WB City
Cicero
Sanitary Dist Off
Stickney W. Side
Sanitary Dispat
Chicago Uni
Chicago WB AP
So. Filter Pl
Roseland Pump Sta
Calumet Treat Wks
Chicago Hts
CHICAGO
STATUTE MILES
0 1 2 3 4 5
88
87° 30'
90
89
88
41
42
N.O.C 6/50

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

SEPTEMBER 1950
Volume LV No. 9

KANSAS CITY: 1950

ILLINOIS - SEPTEMBER, 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

September was rather cool although temperatures were much closer to normal than in July and August. Most northern and west-central areas were drier than average but the reverse was true for the southern and east-central portions. Sidell, in Vermilion County, received 9.08 inches of rainfall but only 0.70 inch fell at each of two west-central communities, Bentley and Rockport. Temperatures over the State averaged 65.7°, which is 2.0° below the September normal. Cairo averaged warmest with a mean temperature of 69.2° while Freeport's 61.2° was the lowest mean in the State. The highest temperature of the month, 92°, recorded at Griggsville on the 19th and at Alton on the 20th, was the lowest maximum to be registered in September since 1918.

Heavy rains, caused by the remains of a tropical storm, overspread most southern and east-central areas at the beginning of the month and continued until the 3d in the south. Rain also fell at many northern and central localities on the 2d. Temperatures were near seasonable values for the first 3 days of the month but dropped well under normal on the following few days. Minimum readings often were in the 40's on the 5th, 6th, and 7th.

General showers began on the 8th and continued intermittently until the 13th. Many southern localities received over 2 inches of rain during this period but much of the north had only light rainfall. On the evening of the 11th two heavy showers flooded many streets and basements in Pekin. Temperatures were above normal in the northern and central portions between the 9th and 11th but remained cool in the southern division. All of the State was rather cool from the 12th through the 16th.

A strong southerly circulation brought much warmer air into the State after the 16th and temperatures climbed to the mid-80's on the 18th. Readings remained high in southern and central Illinois until the 21st, but somewhat cooler air pushed into the northern counties on the 19th. Thundershowers began in the extreme north on the night of the 18th and moved southward into the central and southern portions on the 19th and 20th. The showers continued until the 22d, with heavy precipitation amounts being registered in many northern and east-central areas. The downpours caused flooding in many localities, including Rockford, Freeport, northern McDonough County, the Mount Carroll--Pleasant Valley--Stockton area, and Shelbyville. Lightning destroyed a large barn near Marengo on the 18th and another barn in McDonough County on the 19th. Hail damaged corn and soybean crops in the Harding--Serena area of LaSalle County on the 21st while another hailstorm on the same date damaged roofs, windows, and corn in the vicinity of Galva. High winds on the 21st resulted in damage to property at Chillicothe, Hoppeston, and in a rural area north of Decatur.

A cold air mass swept down from the north on the 23d, forcing temperatures to their lowest values of the month on the mornings of the 24th and 25th. Minimum readings of 31° were recorded at several northern stations on the 24th, and light frost was reported in most sections. Some corn was nipped by frost in the northern quarter of the State. Temperatures rose above normal in the north by the 27th, but the extreme south remained cool until the 29th. Maxima in the lower 80's were common on the 29th. General showers occurred between the 26th and 28th, but precipitation amounts were quite light in most areas.

By the end of September about 85 per cent of the corn crop was dented or mature. Picking of seed corn had begun and some corn was being taken for feed, but there was no general harvesting under way. Silo filling was started early in the month and was still continuing throughout the State at the end of September. Unfavorable weather conditions retarded the soybean harvest, only 10 to 15 per cent of the crop being combined. Over a quarter of the winter wheat acreage had been sown as the month ended. In the Cairo area cotton picking was getting under way in the latter part of September.--GRJ

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
Cairo WB City	-	-	6.8	24	NE	5		-	-	-	2	3	8	2	0	0	15	48	7.6	See Table 2
Chicago WB Airport	NNE	15	7.6	26	NW	19	86	87	59	71	7	3	3	0	1	0	14	58	6.8	
Joliet WB Airport	N	16	7.6	-	-	-	93	95	60	76	8	3	0	0	2	0	13	-	6.5	
Moline WB Airport	NE	15	6.7	30	SW	18	86	92	61	69	5	3	1	2	1	0	12	54	6.2	
Peoria WB Airport	ENE	18	8.8	32	S	21	86	92	65	71	4	5	2	2	1	0	14	54	6.5	
Springfield WB Airport	NE	15	8.4	41	W	21	88	94	62	72	7	1	5	1	0	0	14	55	6.5	

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	62.2	96	28	2.58	0.0	8	1912	68.3	103	27	2.83	0.0	8	1934	65.3	95	35	6.65	0.0	14
1891	69.6	100	40	1.02	0.0	3	1913	67.3	109	29	2.93	0.0	[illegible]	1935	67.1	98	30	3.28	0.0	7
1892	65.4	95	36	1.94	0.0	5	1914	66.8	95	34	3.77	0.0	8	1936	71.2	102	37	6.77	0.0	11
1893	68.2	102	27	3.09	0.0	7	1915	68.8	97	34	4.20	0.0	10	1937	66.5	99	28	2.31	0.0	5
1894	67.8	102	30	5.19	0.0	9	1916	65.3	98	26	2.98	T	6	1938	69.0	102	35	3.11	0.0	7
1895	70.5	102	24	3.10	0.0	5	1917	65.1	96	30	2.60	0.0	6	1939	72.4	106	31	0.74	0.0	3
1896	63.7	100	27	5.49	0.0	12	1918	60.1	87	[illegible]	3.76	T	7	1940	66.6	102	29	0.65	0.0	3
1897	71.8	103	27	0.93	0.0	2	1919	70.1	102	33	3.59	0.0	7	1941	70.3	98	34	5.00	0.0	10
1898	69.8	102	33	4.79	0.0	9	1920	69.7	95	34	2.70	0.0	7	1942	65.7	98	22	3.06	0.2	8
1899	65.7	106	14	2.05	0.0	6	1921	71.7	[illegible]	40	6.62	0.0	14	1943	63.6	103	30	2.41	0.0	7
1900	69.5	102	30	3.53	0.0	8	1922	70.5	103	33	1.93	0.0	5	1944	68.0	97	36	3.00	0.0	8
1901	66.9	100	28	1.90	0.0	5	1923	66.8	95	28	4.00	T	10	1945	67.3	101	32	7.69	T	14
1902	63.0	94	29	4.12	0.0	10	1924	62.0	95	30	3.12	T	9	1946	66.9	96	32	2.07	0.0	5
1903	66.2	[illegible]	26	3.65	0.0	8	1925	73.5	[illegible]	40	4.39	0.0	11	1947	68.2	102	28	3.53	0.0	6
1904	67.3	99	32	5.04	0.0	8	1926	68.0	97	25	9.68	0.0	16	1948	68.8	98	37	2.84	0.0	7
1905	68.5	97	39	3.06	0.0	7	1927	71.1	102	32	5.12	T	9	1949	61.6	97	26	2.76	0.0	[illegible]
1906	70.9	[illegible]	38	5.02	0.0	7	1928	63.1	98	22	2.23	T	6	1950	65.7	92	31	3.25	T	8
1907	65.9	100	[illegible]	2.49	0.0	7	1929	66.2	96	30	2.85	0.0	9							
1908	70.6	100	26	1.29	0.0	3	1930	69.7	100	30	3.59	0.0	7							
1909	65.3	100	28	3.80	0.0	7	1931	73.2	103	36	4.80	0.0	8							
1910	67.1	95	33	4.62	0.0	10	1932	66.0	97	28	3.03	0.0	7	PERIOD	67.7			3.63	T	
1911	70.0	99	36	9.03	0.0	14	1933	73.5	103	36	3.75	0.0	9							

CLIMATOLOGICAL DATA

Table 2

Station	Temperature							No. of days		Precipitation								
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max. depth on ground at obsn	Snow, Sleet, Hail Date	No. of days .01 or more	No. of days 25 or more	No. of days 1.00 or more
NORTHERN DIVISION																			
Aledo	65.1	- .9	85	3+	38	24	65	0	0	1.27	-3.04	1.13	21	T	0		[illegible]	1	1
Antioch	61.7	-2.1	81	18	36	24	112	0	0	1.88	-2.15	1.35	21	[illegible]	0		3	2	1
Aurora College	62.7	-1.2	88	10	33	24	103	0	0	2.79	-1.25	1.30	19	0	0		5	2	2
Chicago Heights	63.0 M		84	3+	33	24	102	0	0	2.78	- .55	1.41	21	0	0		[illegible]	3	1
Chicago University	64.2	-1.0	82	3+	41	24	66	0	0	1.62	-1.52	.91	21				6	2	0
Chicago WB Airport	64.9	0.0	85	18	40	24	65	0	0	2.00	-1.20	1.25	21	0	0		7	2	1
Chicago WB City	65.6	- .7	83	3+	46	24	41	0	0	1.23	-1.97	.79	21				6	1	0
Cicero	65.0	- .7	85	3	39	24	58	0	0	1.77	-1.86	.77	21	0	0		5	3	0
Dixon	63.3	-1.4	83	3+	31	24	92	0	1	2.82	-1.26	1.54	21	0	0		6	2	2
Freeport	61.2	-2.0	80	9+	32	24	125	0	1	3.85	- .28	2.34	21	0	[illegible]		7	3	1
Fulton Dam 13	64.3	- .5	82	18	39	24	62	0	0	2.49	-1.53	1.19	19	0	0		6	3	1
Galesburg	66.0		87	3	40	24	58	0	0	1.64	-2.39	.60	20	0	0		7	2	0
Galva	65.4	- .5	86	18+	38	24	57	0	0	4.05	.15	2.36	21	T	0		6	3	2
Henry	66.0	- .6	87	9	38	24	53	0	0	4.87	.89	2.63	21	0	0		9	5	1
Joliet WB Airport	63.3	- .5	85	3+	35	24	96	0	0	2.79	- .98	1.35	21	0	0		5	2	2
Kankakee	64.7	-1.3	83	18	36	24	76	0	0	2.36	- .81	1.06	21	0	0		7	2	1
Kankakee 4 W	63.7		84	18	35	24	95	0	0	2.85	- .43	1.03	19	0	0		[illegible]	4	1
Kewanee	64.5	-1.0	85	18	34	24	70	0	0	2.65	-1.24	1.25	21	0	0		5	3	1
La Salle	66.0	- .8	87	3+	36	24	56	0	0	3.83	- .17	1.86	21	T	0		10	4	1
Marengo	62.5	-1.1	86	9	31	24	99	0	1	4.93	.90	2.48	19	0	0		5	2	2

See reference notes following Station Index.

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn	Date	.01 or more	.25 or more	1.00 or more
Minonk	64.6	-1.8	86	18	35	24+	77	0	0	4.67	1.01	2.17	21	0	0		7	4	2
Moline WB Airport	64.1	.2	85	18	36	24	82	0	0	3.85	.27	1.95	11	0	0		7	4	1
Monmouth Airport	64.0	-2.3	85	17+	33	24	83	0	0	1.88	-2.45	1.33	20	0	0		5	2	1
Morris 3 NE	64.3	-1.4	85	18	37	24	77	0	0	2.12	-1.74	.83	21	0	0		7	4	0
Morrison	64.7	- .4	85	18	35	24	63	0	0	2.44	-1.59	1.08	19	0	0		7	2	2
Mount Carroll	62.5	-1.0	82	9+	31	24	107	0	1	3.29	-1.01	2.90	21	T	0		6	1	1
Ottawa	65.4	- .8	88	3	38	24	59	0	0	2.65	-1.19	1.58	21	T	0		9	2	1
Pontiac	64.5	-3.0	83	18	38	24	76	0	0	3.87	.25	2.77	21	0	0		10	3	1
Rockford	62.5	-1.9	82	9+	32	24	94	0	1	5.85	1.81	3.20	21	0	0		4	3	2
Rockford CAA AP	61.3	-1.3	83	18	31	24	126	0	1	4.90	.83	2.65	21	0	0		5	2	2
Stockton	61.5		82	18	32	24	118	0	1	4.45	.28	2.95	21	T	0		6	3	1
Sycamore	62.7	- .9	83	18	31	24	101	0	1	3.60	- .45	1.79	19	0	0		5	2	2
Walnut	64.7	-1.0	85	3	37	24	64	0	0	4.08	- .32	1.45	19	0	0		7	5	2
Waukegan	61.9	-2.2	84	18	34	24	113	0	0	1.64	-2.11	1.23	21	0	0		5	2	1
Wheaton College	63.8		83	18	35	24	87	0	0	3.00	- .96	1.76	19	0	0		7	3	1
DIVISION	63.9	1.2								3.05	- .67			T					
CENTRAL DIVISION																			
Bloomington Normal	66.8	- .5	85	3+	39	24+	54	0	0	4.21	.22	1.70	22	T	0		12	4	2
Carlinville 4 E	66.2	-2.8	89	19	34	25	65	0	0	1.61	-2.15	.37	10	0	0		9	3	0
Danville	65.5	- .3	85	21	34	24+	75	0	0	6.75	3.35	2.40	20	0	0		12	5	3
Decatur	66.5	-1.7	88	19	37	24+	59	0	0	3.29	- .69	.93	21	0	0		12	5	0
Effingham CAA AP	65.1	-2.2	85	19+	34	25	73	0	0	3.40	.01	1.19	1	0	0		10	3	2
Griggsville	65.9	-2.7	92	19	36	24	64	1	0	1.21	-3.55	.38	20	0	0		6	3	0
Havana	66.6	-1.4	88	21	36	25	52	0	0	1.10	-2.91	.28	21	0	0		8	1	0
Hillsboro	65.9	-3.2	88	19	33	25	59	0	0	2.55	-1.07	.84	2	0	0		8	3	0
Hoopeston	65.0	-1.7	84	11	33	24	74	0	0	5.41	1.85	2.07	21	0	0		9	4	2
Jacksonville	66.1	-1.8	88	20+	37	24+	64	0	0	1.82	-2.36	.61	21	0	0		8	3	0
Jerseyville	67.4	-1.6	90	19	38	25	43	1	0	2.33	-1.47	.74	8	0	0		6	3	0
La Harpe 1 SW	65.7	-1.2	86	18	36	24	67	0	0	2.94	-1.34	2.54	20	0	0		7	1	1
Lincoln	66.1	-1.2	87	19+	36	24+	64	0	0	3.45	- .69	1.02	20	0	0		13	4	1
Mattoon	65.1		86	21	36	25	74	0	0	4.32	.57	1.30	20	0	0		10	4	2
Morrisonville 1 E	65.9	-2.1	87	21	34	25	65	0	0	2.15	-1.26	.61	1	0	0		10	4	0
Newton	66.2	-2.3	88	19	31	25	55	0	1	3.84	.22	1.45	1	0	0		12	3	1
Palestine	66.4	-3.4	88	19	34	25	49	0	0	4.03	.54	2.25	1	0	0		11	3	1
Pana	67.2	-1.5	90	21	37	25	51	1	0	2.27	-1.29	.99	2	0	0		10	2	0
Paris Water Works	65.8	-2.2	87	19	35	24+	59	0	0	7.02	3.37	3.50	1	0	0		7	5	2
Peoria WB Airport	65.8	- .1	85	9+	39	25	62	0	0	3.49	- .54	1.55	20	0	0		10	4	1
Quincy	66.6	-2.7	89	19	39	24	56	0	0	1.11	-3.44	.38	11	0	0		8	2	0
Quincy CAA AP	65.3		89	19	37	25	78	0	0	1.20	-3.36	.56	20	0	0		8	2	0
Rantoul Chanute AF Base //	65.6		85	3	40	24+	62	0	0	5.53	1.98	2.60	21	0	0		7	4	2
Roberts 3 N	64.6M	-1.7	84	18	37	24	72	0	0										
Rushville	66.3M	-1.6	88	21	37	25	51	0	0	.85	-3.42	.24	2	0	0		6	0	0
Springfield WB Airport //	65.6	.8	86	21	39	24+	72	0	0	1.35	-2.29	.58	1	0	0		7	1	0
Springfield WB City	67.6	0.0	88	21	42	24	41	0	0	1.61	-2.03	.73	1	0	0		9	1	0
Table Grove	66.0	-1.7	86	18+	38	24	59	0	0	.91	-3.15	.27	2	0	0		7	1	0
Tuscola	66.2		87	19	38	24+	59	0	0	5.64	1.96	1.92	20	0	0		11	5	2
Urbana	65.5	-1.1	85	21	37	24	66	0	0	4.36	1.01	1.29	20	0	0		12	4	3
Virden	66.3		87	19	35	25	60	0	0	1.38	-2.39	.31	1+	0	0		5	2	0
Watseka	64.4		81	3+	34	24	87	0	0	3.40	- .24	.83	21	0	0		12	5	0
White Hall 1 E	67.1	-1.5	89	19	33	25	50	0	0	1.27	-2.91	.45	8	0	0		7	3	0
Windsor	65.4	-2.6	87	19+	34	25	71	0	0	6.00	2.17	2.57	20	0	0		8	4	2
DIVISION	66.0	-1.9								3.08	- .62			T					
SOUTHERN DIVISION																			
Alton Dam 26	67.5		92	20	37	25	40	2	0	2.36	-1.32	.53	1	0	0		10	4	0
Anna 1 NW	67.2	-4.5	88	19	35	25	45	0	0	4.51	.62	1.18	9	0	0		10	7	1
Belleville Scott AF Base//	66.5		88	19	38	25	45	0	0	1.69	-1.98	.72	2	0	0		8	3	0
Cairo WB City	69.2	-3.3	88	19	44	25	21	0	0	3.29	.40	.69	8	0	0		13	5	0
Carbondale Sewage Plant	67.7	-3.7	89	19	34	25	43	0	0	4.32	.55	1.21	11	0	0		8	4	2
Carlyle	67.6	-2.1	90	19	41	25	38	1	0	4.86	1.46	1.84	1	0	0		10	5	1
Du Quoin	67.9	-3.1	89	19	38	25	35	0	0	5.63	2.18	2.10	2	0	0		10	6	2
East Saint Louis	68.3	-2.9	91	19	38	25	32	1	0	2.03	-1447	.82	8	0	0		7	2	0
Elizabethtown	68.6		88	3+	38	25	29	0	0	2.95	- .51	.98	8	0	0		10	4	0
Fairfield	68.3	-2.6	91	20	35	25	39	2	0	3.14	- .38	1.20	1	0	0		7	4	1
Flora	68.1	-1.2	89	19	34	25	41	0	0	4.83	1.36	1.85	2	0	0		9	5	2
Golconda Dam 51	66.9	-4.5	88	19	40	25		0	0	4.56	1.00	1.87	1	0	0		10	5	2
Greenville	66.0	-3.8	86	19	39	25	52	0	0	2.06	-1.44	.50	10	0	0		9	3	0
Harrisburg	68.0	-4.0	91	19	34	25	37	1	0	3.55	.15	.96	8	0	0		5	4	0
McLeansboro	68.3	-2.7	90	19	36	25	33	1	0	6.85	3.25	2.12	1	0	0		10	5	4
Mount Carmel	68.2	-2.3	89	19	44	25	10	0	0	5.60	2.15	3.10	1	0	0		10	6	1
Mount Vernon 4 N	66.8	-3.7	89	19	35	25	45	0	0	2.68	- .83	1.06	1	0	0		10	3	1
New Burnside	66.0	-4.9	88	19	32	25	59	0	1	3.85	.29	1.92	8	0	0		13	4	1
Olney Radio Station	67.1	-2.8	89	19	34	25	47	0	0	2.99	- .57	.75	1+	0	0		10	4	0
Sparta	67.8	-3.2	91	19	37	25	37	1	0	5.10	1.73	1.97	1	0	0		9	5	2
DIVISION	67.6	-3.1								3.84	.41			0					
STATE	65.7	-2.0								3.25	- .39			T					

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

ILLINOIS
SEPTEMBER 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion	.81	1.23	.04					1.17	.19	.04	.06										.15	.19					66					4.54
Aledo											.02	.02							.01	T	1.13						.04	.05				1.27
Alexis Water Works R											.10	.06							.20	.08	.72					.12		.13				1.41
Alton Dam 26	53	11		T				.21	.27	.52	.08										.16	T					.38	08	.02			2.36
Anna 1 NW	.61	.36						.76	1.18	.60	.14									T	.44	.01					39	02				4.51
Annawan	-	-	-							31		.10	T						78	.50	T						70	.27				-
Antioch											T	.02							.51		1.35						T	T				1.88
Augusta R								.10	.06	.10	.08								.15		.65							.09				1.23
Aurora								02											1.30		1.28						.01	18				2.79
Barry		17						40		14	24										02	.38				.08		T				1.43
Beardstown		13	.09					15	02	16	05	.48									03	02	.01				17					1.31
Beardstown Lgrng Dam R	.02	.18	.05					.21		.10	2.30										05	08					.20					3.16
Belleville Scott AF	.20	.72	T				.02	.26	.03	T	1		T	1							.41	.01				T	.04					1.69
Belleville Scott AF R	.34	.72					.03	1.10	.03	10											11	.01				.02	15					2.91
Belvidere Sewage Pl R																		2.12	.23		2.18							.06				4.59
Bentley		03						.09	.06	.06	1										.10	.08	17				09	02				.70
Benton	1.25	.15	.04					1.17	.30		.12										.02	.35	.04				.55					3.99
Bloomington	T	.66						.05	T	.01	.01	.03	T				.03			.43	1.08	1.01	1.82				13	T	T			5.26
Bloomington Normal	.02	.51						.05	T	.02	03	.06							1.05	43	.20	1.70					.13	.01	T			4.21
Bluffs								.64			1.11										17											1.92
Bradford CAA AP S								T	T	T	.04	12	T						2.01	T	1.83					.06	T	T				4 06
Brookport Dam 52	1.66	.02	.04	.10				.60	1.58	.08	.26	.13									.09	.50					.28	.09	.01			5.44
Cairo WB City	.16	.05	.63				.25	.69	.17	.32			T	.04						.13	.16	.01				T	44	.24				3.29
Cairo WB City R	.16	.05	.63				.25	.69	.17	.32				.04							13	16	.01				44	.24				3.29
Canton		.20					.03												.22	1.03	.17	T					.13	T				1.78
Carbondale Sewage Pl	.06	06						.79	1 09	64	1 21									T	09						21	17				4.32
Carlinville 4 E	.35	.16							.12	37	20										03					04	32	.02				1.61
Carlyle	1 84	.31	T					.73	.04	.12	.69									.12	.87	.04					.10					4.86
Carmi	.40	.94					.05	1 01	.31	T	.75											.20				.03	.76					4.45
Carpenter 1 SW R	.23							.54	.25	.07	.12										.34											1.55
Casey	2.36						.17		40	.10											51	1.25						.07				4.86
Centralia 4 W	1.33	.73	.04					.76		.12	.34											.20	.38				.16	T				4.06
Chandlerville		.35						18	T	.12	.06								T			.15					.12					.98
Channahon Dresden		.62									.03	T		.04					.58	.05	1.12	.22					.11					2.77
Charleston	2.75							.07	04	.14	.24										-	-					25					-
Chenoa	.07	12						02	T	07	08	09	01				.04		1.43	81	1.37					.04	06					4.21
Chester	2 40	.49	.03	T				48	.92	.25	.24										1.02	.20	T				08	.19	.03			5.33
Chicago Cnl. T. Wks R		.57								.05	.83	.02						.23	.24		1.50					.01	.01					3.46
Chicago Heights		.72						T			.42	02	.03						.13		1.41						.02	.03				2.78
Chicago Lakeview P.S. R												.02						.19	.12		.62						03					.98
Chicago Loyola Univ S												04						.20	12		88						03					1.27
Chicago Mayfair P.S. R												.01						.31	18		80						03					1.33
Chicago N.Br. P. S. R												.05						.23	.16	.01	.65						.03					1.13
Chicago Roseland P.S. R		.03								.37	56	01						.31	.18		1.61						.01					3.28
Chicago San. Dist. D R										.12	.12	.03						.11	.14		.75						.01					1.28
Chicago San Dist. O R										.06		03						.20	14		.83											1.26
Chicago S Filter Pl R		.02						.01		.28	.02	04						.06	.17		92						.01					1.53
Chicago Springfield R										.03	.01	.04						.41	.15		.71						.02					1.37
Chicago Univ	T							T	T	.43	.01	04						.08	.15		.91						T		T			1.62
Chicago Univ R										.43	.01	.04						.08	.15		.91											1.62
Chicago WB AP								T	T	.05	16	.03	T					.23	.25		1.25	1					03	T	T	T		2.00
Chicago WB AP R										.05	.16	.03						.23	.25		1.25						.03					2.00
Chicago WB City								T	T	.06	T	.03						.20	.13		79						.02	T	T			1.23
Chicago WB City R										.06		.03						.20	.13		.79						02					1.23
Chillicothe		.30						.04		03		.52	01						1.52	.24	2.29	.20					.12	.02	T			5.29
Cicero								T		T	.47	.05		T					.45		77						.03	T	T			1.77
Ciscne Brown Camp R	.26	.55	.50				.45	.58	.15												.25						52	.04				3.30
Clinton 1 S	T	.74						T	T	.27	T	.08							T	1.87	.63						*	.15				3.74
Collinsville R	.12	.02						.82	.41	.03											1.05					.05	.05					2.55
Coulterville R	.77	.17						1.13	.03	.10	.28										.39						.25					3.12
Crete R		.87																	.70		1.02	-					-		-	-		-
Danville	1.54	.06						.04	.50	.53	.09	.03								2.40	1.40	.01					.13	02				6.75
Danville Hospital R	.99		.03							*	.66	.17							.60	1.78	1.36						.13					5.72
Danville Sewage Pl	2.13	21								33	05		.01						T	2 53	.18	1.59					.14	03	T			7.20
Decatur	.50	.50						.02	.15	.24	.01	.46									.37	.93	.01				T	.09	.01				3.29
Des Plaines 1 NW										T	T	T	T						63	T	1.15						02	T				1.80
Diona R	.78						.05	.01	31											.15	.75					.05	.08					2.18
Dixon										.13		T	.01						1.08		1.54						.03	.03	T			2.82
Douglas R		.20										.07							.10	42	.88											1.67
Downs 2 NE R	.15	25																	1.10	1.00	.62					.08	.10					3.30
Du Quoin	.60	2.10	.10					1.18	.36	.06											.46	.16					.54	.07				5.63
Dwight		.62						T		T	.18	.10	.03						.55	.10	1.45						.08					3.11
Dwight St. Reform. M		.43						.02		.24		.07							.58	.03	1.36					.03	.04					2.80
East St. Louis	.16	.02						.82	.23	.11											.56						13					2.03
Edwardsville	.49	.03	T			T		.61	.49	.17	.19	.21							T	.39	.27	.11										2.96
Effingham CAA AP	1.19	.13					.06	08	18		.31	T								1.14	22					T	08	01				3.40
Effingham CAA AP R //	1.19	.10					.06	.10	18		.30									1.20	.23						*	.09				3.45
Elgin								T		T	.54								2.72		2.41						.06	T				5.73
Elizabethtown	.51	.05	.02				T	.98	.52	.13	.15	.08									12	T					39					2.95
Elsah	.17	-	-	-	-	-	-	-	.49	59											.11	.01					.83					-
Evanston Pump Sta. R												.01						.02	25		1.17						03					1.48
Fairbury Water Wks R	.03	.11							.21	.10	.08	.08							.82	.43	1.62						.10					3.58
Fairfield	1.20		.05					.90	.06	T	.02											.27					.64	T				3.14
Farmer City R	.65								.03	.11									.50	.85	67						10					2.91
Flora	1.27	1.85	.11					.73	.09												12	.34					27	.05				4.83
Freeport										18	.37								89	T	2.34						02	04	.01			3.85
Freeport Sewage Pl										T	.26								1.00		3.00	.01					03	03	05			4.38
Freeport Sewage Pl R										.26								1.00	.02		3.03					.01	.02	.08				4.42
Fulton Dam 13											.28	T	.04						1 19		90	T					08	.02	T			2.49
Fulton Dam 13 R										.26									1.20	.11	.76					02	03					2.38
Galatia 1 W R	.20	18						31	*	2 95	25										03	.42				05	.40					4.79
Galena										.25		T						2.85	.47									.06		.34		3 97
Galesburg								T		.09	T	.02							.10	.60	.53						.23	.07				1.64
Galva											.08	.38							1.05		2.36						.12	.06				4.05
Geneseo								T	T	17	.06	.26	.02						25	T	.64						.16	.11	T			1.67
Gibson City	.42					T	T	T	02	.01	T	T		T					30	1.38	2.06					*	04	01				4.24
Gladstone Dam 18										T		.33							T	3.24	.28	.07					03	.04	T			3.99
Glendale Exp Farm	.33	.02						1.63	.55	.31	.57								.10		.21						*	.35				4 07
Glendale Exp Farm R	.33	.02					.28	1 35	.55	.31	.57								.10		.21						35					4.07
Golconda Dam 51	1.87		.04					.68	1.00	.46	.06	.02									T	.08					.27	.08				4.56
Golconda Dam 51 R		.03					.21	1 28	57	06	02										08					*	.35					2.60
Golden								.21	05	.03									.44	.03	.24	T				.02	.04	.07				1.13
Grafton	T	.12	T					.27	.20	.22	.13										.11						.72					1.77
Grand Tower 2 N	1.26	.11	.06					63	1.56	31						T					.16					T	.36	T				4.47
Greenfield R	.07	06						.44	.04	.75	1.45										.05					.06	.28					3.20
Greenup	3.21	.14						.12	.30	T	T									.58	67	.94				.35						6.31
Greenville	,12	.09	.04					.46	.15	.50	16										.46						.08					2.06
Gridley		.21						.02			.03	.01	.04					.17	.78	1.80	1.44	.20					.15	.01				4.86
Griggsville		.26						.13	.26		.05									.38							.13					1.21
Hardin	.58	2.00						.48		.02										.15						T	.32					3.55
Harrisburg	.93	.04	.01				T	.96	.76	.05	T										.18	.05				T	.57			T		3.55
Harrisburg Disp Pl	2.43	.04	.03	T				.87		.80	.10										.10	.14	.04				.34	*	.21			5.10
Havana		.22						.12	T	.03	.10	.11							T	.12	.28	T				T	.12	T				1.10
Havana No 2	T	.16	.09					.07	T		.01	.10	.01							.02	.28	T					.10	T				.84
Henry							.02					41		.03				.31	.40		2.63	.98					.08	.01				4.87

See reference notes following Station Index

DAILY PRECIPITATION

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hillsboro			.84						.59	.08	.81		.04									.06	.02				T	.11				2.55
Hoopeston		1.44	.22							T	T	.05	.07							.42	.93	2.07						.19	.02				5.41
Hoopeston	R	1.05		.02							*	.05	.06	.02						1.22	.14	2.03						.18					4.77
Hudson 1 Bloomngtn	R	.11										.15								1.20	.46	.81											2.73
Hutsonville	R		.14					.06	.04	.20	.15										*	.88						.18	.10				1.95
Hutsonville Pwr Pl		4.26	.13	.12					.10	T	.13	.24	.03									.18	.56					.10	.20	.05			6.10
Illinois City Dam 16											.03		.23	02						T	.08	.55	.09					.03	T	.02			1.05
Illinois City Dam 16	R										.05	.19								.10	.09	.49				.03			.02				.97
Jacksonville		.04	.47						.29	.04	.12	.10										.61				T	.15					1.82
Jacksonville S Pl	R	.45	.06						.28	.05	.30	.10										.53							.05			1.82
Jerseyville			.18						.74		.16	.70										.07					.48					2.33
Joliet Brandon Rd			.16									.22		.01	.02					1.10	.02	1.40	.15				.04		T			3.12
Joliet WB AP	b		.01							T	.05	T	T	T						1.31	T	1.35				T	.07	T				2.79
Kankakee		T	.22								.05	T		.14						.69	T	1.06	.16				.04					2.36
Kankakee 4 W		.01	.63						T	T	T		.07	T						1.03	.02	.60	.44				.05	T				2.85
Kankakee Sewage Pl	R		.46										.04	.04						1.28	.62	.38										2.82
Keithsburg													.45	T							.64	1.10	.33				T	T				2.52
Kewanee									T		.25	.13	T							.90		1.25				.12						2.65
Kewanee Baker Pk	R									*	*	.32	.08							.90		.96					.06	.04				2.36
Kickapoo												.20	.50						1.86	.05		1.06	.50			.12						4.29
La Harpe 1 SW			.03						.06		.02	.03								.20	2.54	T					.06	T				2.94
Lanark	R										.30	.01							.65	.03		2.00					.05	.09				3.13
La Salle			.10						.01		T	.42	.T	.06	T					.90	.29	1.86	.12				.06	.01				3.83
La Salle 1 S			.15	T					.02				.39	.04	.01		T			1.10	.05	1.01	.71				.05	.01				3.54
Lawrenceville		.46	1.26	.10					T	.64	.47	.34									1.68	.41	.11				.31	.02				5.80
Le Roy		.03	.30						.03	T	.21	.18	.21							.48	2.22	.67				T	.11	*	.02				4.46
Lincoln		.08	.75						.07	T	.27		.10	.01	.01						1.02	.91	.02	T			.06	.09	T	.06			3.45
Lincoln No 2		04	83						.06		.03	.21	.15	.01							.17	1.77	.11					.14		.04			3.56
Lockport L & D	R		.05								.39									1.29		.79					.03					2.55
Lockport Pwr House	R		.05								.39	.02								1.23	.01	1.31										3.01
Louisville	R	35	.17					.11	.30	.04												.14					.04	.21	.05				1.41
Mackinaw			.17						.03	.06			.24							2.33	.97	3.09	.14									7.03
Macomb			.04						.07		.17	.04	.01							T	.15	.37					.02	.19	T				1.06
Marengo											.05	09								2.48	2.29	.02							T				4.93
Marietta	R		.24						.05		.12									.25	.03	.22						.20	.03				1.14
Marion		.79	49	.02					.95	.89	.60											.16	.03					.45	.03				4.41
Marox	R	.64																			.21	.29					.03	.07					1.24
Marseilles Lock			.10						.02				.27	.02						.54	.03	.72	.56					.12	.02				2.40
Marshall		3.15	.02						.07	.17	.14	.01									.38	.26	.62					.17					4.99
Mascoutah		.34	.08	.17					1.23	.07	.20	.14	.01									.28	.04					T	.11				2.67
Mason City	R	.07	.14						.05	.05		.49	.01								.15	.20					.10						1.26
Matoon		1.29	.01					.02	.08	.72	.05		.05								1.30	.65					T	.15					4.32
Mc Henry	R										.02								.38	.12		1.10							.10				1.72
Mc Henry 2 S											.04	.03								.74		1.07					.06	.03				1.97
Mc Leansboro		2.12	1.45	.14					1.05	.20	.07	1.21	T									.16	.10				T	.35					6.85
Medora		.10	.22						.63	.05	.15	.08										.06					.10	.55	T				1.94
Minonk			.42						T		T		.03							.51	1.37	2.17	.07					.10	T				4.67
Moline WB AP										T	.50	1.95	.05	T						.82	T	.47				.05	T	.01	T			3.85
Moline WB AP	R										.50	1.95	.05							.82		.47				.05		.01				3.85
Monmouth Airport									T		.05										1.33	.31						.15	.04				1.88
Monticello		.71									.43										.64	.93						.09	.04				2.84
Morris			.26	.05										T						.71	.05	.72	.35					.07					2.21
Morris 3 NE			.27						T			.07	T	T						.57	.04	.83	.27					.07					2.12
Morrison											.07	T	.05	.07						1.08		1.02						.11	T	.04	T		2.44
Morrisonville	R	.21							.35	.17												.22					.02	.08					1.05
Morrisonville 1 E		.61	.12	T					.36	.14	.11	.35									.01	.32	T				.02	.11					2.15
Mt. Carmel		3.10	T	.34					.55	.10	.30	.60										.30	.20					.03	.08				5.60
Mt. Carmel Water Wks	R		.27	.04				*	.52	.42	.22	.30									.02	.25						.29					2.33
Mount Carroll											.07		.01						T	.21		2.90						.03	.07	T			3.29
Mount Olive		.78							.39	.38	.41	1.69										.41					T	.14					4.20
Mount Pulaski		.08	.87							T	.37	T									1.30	.28					T	.22					3.12
Mount Sterling			.18						.18	.03	T									.52	.02	.04					.05	.07					1.09
Mount Vernon 4 N		1.06	.08	.09					.81	.03		.01	T								T	.13	.08	T				.37	.02	T			2.68
Murphysboro Wtr Wks	R //	.19		1.01				.18	1.41	.55	.79	.09										.12						.26	.04				4.64
Nashville		2.04	.94	.08					1.08	.08	.07	.18										.52	.26					.22	T				5.47
Newark 7 E									T					.03						.93		1.64						.14					2.74
New Boston Dam 17													.32	T	T						T	.07	.73					T	T	T			1.12
New Boston												.95		.03	T					T		.09	.53						.03				1.63
New Burnside		.33	.16	.01				.01	1.92	.70	.21	.02								T	.01	.13	.01				.01	.33		T			3.85
Newton		1.45	.16	.01					.17	.20	.15	.02	.15								.95		.31					.20	.07				3.84
Newton	R	.50	.09					.09	.01	.22	.09	.16	.02								.89	.29						.17	.04				2.57
Olney Radio Sta		.75	.75	.20					.35	.03	T	T									.04	.04	.15					.62	.06				2.99
Oregon	R																			.89		2.17							.11				3.17
Oregon Water Wks												.04								.91		2.17					.16	.02	.11				3.41
Ottawa			.05						T		T	.02	.07	.04						.65	.16	1.58					.06	.02					2.65
Palestine		2.25	.31	.05					.11	.11	.10	.01									.85	.02					T	.15	.07				4.03
Pana		.40	.10						.20	.99	.03	.22	T								.05	.12					T	.11	.C5	T			2.27
Paris Sewage Plant	R	.65	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Paris Water Works		3.50								T	.33	.32	T								2.10	.61	.05					.11	T				7.02
Paw Paw									T	.21	.04	T	T	T						1.35	.30	*	.25					.05	.05				2.25
Payson		T	.05						.34	.02		.01		T						.28							.14	.01					.85
Peoria Lock & Dam	R	.05	.13						.07			.29	.01							.69	1.42	.53					.08	.03					3.30
Peoria WB AP		.01	.06						.05		.04	.30	.04				T			.67	1.55	.66	T				.11	T	T				3.49
Peoria WB AP	R	.01	.06						.05		.04	.30	.04							.67	1.55	.66					.11						3.49
Pontone			.69								T	.58	.02	T	.06					.96	.04	1.68	.22				T	.02	.03		T		4.30
Petersburg		.30							.14	T	.02	.03	.14								.83	.32	.03					.03					1.84
Piper City	R		.10									.03	.03							.82	.30	1.92											3.20
Pittsfield Wtr Wks	R	.16	.02						.35		.03	.03										.06					.12	.02					.79
Pleasant Hill 2 E			.29						.56		.19											.03					T	.13					1.20
Pontiac			.12						T	T	.02	.01	.05	.02						.39	.40	2.77	.02					.07	T				3.87
Prairie Du Rocher	R	77	.09					.05	1.09	.09											.06	.10						.10					2.35
Princeton 1 S	R										.30	.23	.16							1.48	.09	1.06	.02				.08						3.42
Princeville 2 NW								.03			.05	.06	.32							2.13	.20	.72						.10	T				3.61
Prophetstown	R										.35		.08							.70	.04	.60					.04	.01	.05				1.87
Quincy			.01						.18	.04		.38								.30		.12					.07	.01					1.11
Quincy CAA AP	b		.07						.27	.03	T	.07								.04	.56	.09					.07		T				1.20
Quincy Dam 21				T					T	.18	.02	T	.05								.30	.14	T					.09					.78
Quincy Dam 21	R								.15											.30		.11					.09	.03					.68
Quincy Memorial Br.				T						.12	.02	.09									.71	.19	.02						.08				1.23
Rantoul Chanute AF		.60	T					T	T	.15	.02	.06	T	T						1.48	.62	2.60	T				T	T	T				5.53
Rantoul Chanute AF	R	.63								.13	.05	.05								*	2.07	2.43					.02	.03					5.41
Red Bud		.43	.15						1.25	.09	.97							.01			.30						.08	.08	.01				3.37
Richview	R	.40		.03				13	94													.47						.36	.03				2.36
Roberts 3 N		.48	.20							.03		T	.02							.45	1.10	1.04	.38					T	T		-		-
Rochelle																				1.06		1.77						*	.07				2.90
Rockford											.30	T							T	2.20		3.20	T					T	.15				5.85
Rockford 4 NE												.12								2.41		2.01	.01						.03	.05			4.63
Rockford CAA AP	6										.20	T	T	T					1.90			2.65	T				.03	T	.12				4.90
Rock Island Dam 15											T	.01	1.41	T	T					.03	T	.26	.20					.07	T	.01			1.99
Rockport			.10						.32		T	T										T						.28					.70
Rushville			.24						.20	T	T	.03								.04	T	.17	T				T	.17	T				.85
St. Marie		2.97	.08	.24	.04				.12		.26	.08	.19									1.40	.40					.09	.24	.03			6.14
Salem		2.14	.44						.65	.08		.13											.37					.27					4.28
Shawneetown, New Town		2.15	.02	.18					.98	.76	.30	.07											.43	T				.30	.14				5.53
Sidell		2.08	.33						T	T	.50	.06	.95							T	2.38	1.96	.56					.06	.20				9.08

See reference notes following Station Index.

DAILY PRECIPITATION

Station		Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Skokie N S Tr Wks	R												.01						.17	.10		.79						.02					1.09
Sparta		1.97	.38	.05					1.17	.15	.73	T										.27	.18					.20	T				5.10
Springfield WB AP		.58	.10						.12	.18	T	T								T	T	.20	T				.07	.10	T	T			1.35
Springfield WB AP	R //	.58	.10						.12	.18												.20					.07	.10					1.35
Springfield WB City		.73	.12						.10	.11	T	T								.01	.13	.21	T				.09	.11	T				1.61
Springfield WB City	R	.73	.12						.10	.11										.01	.13	.21					.09	.11					1.61
Stickney W Side Tr.	R										.01	.30	.03						.18	.17		.61						.03					1.33
Stockton											.35	.16								.91		2.95					05	.03					4.45
Streator			.48						T		T	T	T	.02						.66	04	1.89	.02					.16	.02				3.29
Sullivan Wtr Wks	R //								.07	1.50	.02	.27									1.30	.81						.14					4.11
Sycamore											.17	.02								1.79		1.58						.04					3.60
Table Grove		T	.27						.12	T	.01	T								T	.12	.13					.12	.14	T				.91
Taylorville		.26	.07	T					.17	.06	.09	.07	T								1.33	.27					.09	.02					2.43
Tiskilwa									T				.15	.05					T	.65		1.25						.08					2.18
Toulon									.02		T		.21		.01				T	.95	.01	2.11	.01					.09	.03				3.44
Tuscola		1.75	.08						.01	.47	.01	.13								.02	1.92	.29	.87					.09					5.64
Urbana		1 14	.34	T					.01	.04	.06	.09	.01					T		.06	1.29	1.26	.02					.04	T				4.36
Urbana Exp Farm	■	.64	02							.07	.07									.48	.61	1.31						.04					3.24
Urbana Eng Campus		.81	.65	T				T				.09	.05	.07						.02	.69	1.44	.56					.02	.02				4.42
Uttica Starved R Dam			.20						.01	T			.02	.07	.01					1.01	.16	.95	.82						.03	T			3.28
Vandalia	R	.45	.04					.06	.53	.12												.39						.05					1.64
Virden		.31	.19						31	.07	.06	.11									T	.15					.06	.12					1.38
Walnut									T		.45		.10	.12						1.45	.31	1.05							.60				4.08
Warsaw			.05						.06	.17										.43	.07	.07											.85
Washington	R		.20					.02	.02		.10	.05	.04							2.49	1.70	.65	.04				.05	.02					5.38
Waterloo		.75	.21	.03					1.08	.28	1.76				T							.08	.19				T	.35					4.73
Waterman	R //										.10	.22								.93		.85					.02	.02					2.14
Watseka		.81	.17						T	.01	.02	.44	.02	.07	T					.43	.53	.83	.02					.05	T				3.40
Waukegan		T										.03	.02	T						.31		1.23						.05					1.64
Wayne City		2.65	.09	.11	.03				1.13	.14	.08											.20	.26					.38	.28				5.35
Wenona	R		.28										.20							.51	.10	4.13	.04				.08						5.34
West Frankfort 8 E	R	.45	1.04	.10					.78	.41	.16	.08										.48						.36					3.86
Wheaton College			T						.01			.32	T							1.76	.01	.85						.04	.01	T	T		3.00
White Hall 1 E		.04	.40						.45		.06	.25										.04						.03	T				1.27
Wilcox		2.00	.10	.90					.75		.15											.10	.22						.62				4.84
Windsor		1.96							.12	.28	T	.76	.05								2.57	T	.14					.12					6.00

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

ILLINOIS
SEPTEMBER 1950

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
BEARDSTOWN LAGRANGE DAM /											.10	.02												.02	.02
BELLEVILLE SCOTT AF BSE //	.03	.03	.02	.02	.01	.04					.03	.01										.04	.02	.01	.34
CAIRO WB CITY	.01	.01	.02	.03	.03	.02																			.16
CAMP ELLIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARPENTER 1 SW	.08	.01	.01	.01	.01	.01	.04	.01	.02	.02	.01														.23
CISNE BROWN CAMP	.01	.07	.02	.02	.04	.02	.03	.01	.01	.02	.01														.26
COLLINSVILLE											.02										.01	.01	.05	.03	.12
COULTERVILLE	.21	.06	.04	.05	.01	.04	.05	.01	.03	.02	.02	.03	.01	.01	.02	.04	.02	.04	.06						.77
DANVILLE HOSPITAL	.42	.26	.09	.06														.04	.10	.01	.01				.99
DIONA	.07	.05	.05	.11	.06	.08	.10	.03	.05	.02		.06	.03	.02	.01	.02	.01	.01							.78
DOWNS 2 NE																			.03		.01	.03	.01	.07	.15
EFFINGHAM CAA	.19	.06	.07	.08	.06	.08	.03	.11	.10	.02	.03	.05	.03	.05	.02	.01	.01	.06	.11	.02					1.19
FAIRBURY WATER WORKS //																								.03	.03
FARMER CITY	.08	.07	.01	.01	.01			.01	.01									.06	.06	.13	.12	.07			.65
GALATIA 1W		.01	.03	.04	.05	.02	.01	.02	.01	.01															.20
GLENDALE EXP FARM	.02	.06	.05	.04	.04	.04	.03	.02	.03																.33
GREENFIELD																					.02	.01	.01	.03	.07
HOOPESTON	.15	.33	.29	.06			.01	.01	.01	.01											.04	.13	.01		1.05
HUDSON LK BLOOMINGTON																			.05				.01	.04	.11
HUTSONVILLE //	.06	.01	.01			.02					.05	.01	.03	.01											.20
JACKSONVILLE SEWAGE PL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.03	.01	.22	.12	.03	.03	.45
LAWN RIDGE																									
LOUISVILLE	.03	.02	.02	.01	.01		.04	.01	.04	.03	.03	.04	.01					.04	.02						.35
MAROA	.01	.02				.04	.06											.10	.03	.19	.09	.01	.06	.03	.64
MASON CITY																								.07	.07
MORRISONVILLE	.01				.05	.01	.03	.01	.01														.03	.06	.21
MURPHYSBORO WATER WORKS //	.01	.04	.03	.01	.01	.01			.01	.03	.03	.01													.19
NEWTON	.05	.02	.04	.06	.05	.01		.02	.01	.01	.01	.11		.01			.04	.03	.03						.50
PARIS SEWAGE PLANT	.10	.01		.05	.01	.07	.05						*	*	*	*	*	*	*	.36					.65
PEORIA LOCK AND DAM //																								.05	.05
PEORIA WB AIRPORT																								.01	.01
PITTSFIELD WATER WORKS																				.01	.02	.05	.05	.03	.16
PRAIRIE DU ROCHER W WKS	.03	.09	.08	.01	.01	.01	.01	.02		.03		.01	.13	.09	.03	.03	.04	.04	.04	.05	.02				.77
RANTOUL CHANUTE AF BASE //	.11	.07	.02		.01	.01													.15	.17	.07	.02			.63
RICHVIEW	.06	.03	.02	.02		.02			.03	.06		.01		.05			.02	.03	.05						.40
SPRINGFIELD WB AIRPORT //																.05	.06	.01	.03	.16	.10	.10	.06	.01	.58
SPRINGFIELD WB CITY																.05	.04	.01	.17	.21	.10	.08	.05	.02	.73
URBANA EXP FARM																.03	.09	.19	.16	.04	.13				.64
VANDALIA	.02	.03	.05	.03	.02	.02	.11	.07	.01	.01	.03									.01	.04				.45
WEST FRANKFORT 8 E	.20	.06		.02	.02		.02	.01	.05	.05	.02														.45
—2d—																									
BEARDSTOWN LAGRANGE DAM //	.02	.02	.01					.07	.04	.02															.18
BELLEVILLE SCOTT AF BSE //		.01	.02															.46	.22	.01					.72
CAIRO WB CITY											.02									.03					.05
CHICAGO CAL TREAT WKS			.01	.24	.26	.05	.01																		.57
CHICAGO ROSELAND PUMP						.01	.02																		.03
CHICAGO S FILTER PL						.01	.01																		.02
CISNE BROWN CAMP														.52		.03									.55
COLLINSVILLE	.02																								.02
COULTERVILLE																	.11	.03	.03						.17
CRETE	.01	.02	.03	.24	.04	.32	.11	.08	.02																.87
DOUGLAS			.10						.08	.02															.20
DOWNS 2 NE	.05	.01	.02		.07	.10																			.25
DWIGHT STATE REFORM		.03	.07	.04	.03	.08	.09	.01	.01	.04	.02	.01													.43
EFFINGHAM CAA //																		.04	.03	.03					.10
FAIRBURY WATER WORKS //	.07	.04																							.11
GALATIA 1W										.12	.06														.18
GLENDALE EXP FARM																.01	.01								.02
GOLCONDA DAM 51											.03														.03
GREENFIELD	.01	.01	.01					.01	.01	.01															.06
HUTSONVILLE //														.01	.01	.04	.04	.01	.01	.01		.01			.14
JACKSONVILLE SEWAGE PL	.04	.01	.01																						.06
JOLIET WB AIRPORT 6	*	*	*	*	*	*	.01																		
KANKAKEE SEWAGE PLANT	.02	.11	.14	.08	.09	.02																			.46
LOCKPORT LOCK AND DAM						.05																			.05
LOCKPORT POWER HOUSE						.04	.01																		.05
LOUISVILLE		.01	.01						.01	.01				.02	.11										.17
MARIETTA					.05					.04	.12	.03													.24
MASON CITY	.02	.02			.05	.04	.01																		.14
MT CARMEL WATER WORKS													.02	.25											.27
NEWTON																.04	.04	.01							.09
PARIS SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA LOCK AND DAM //	.01	.03	.01		.01	.01		.02	.02	.02															.13
PEORIA WB AIRPORT	.02	.01		.01	.02																				.06
PIPER CITY				.01	.02							.02	.02	.02	.01										.10
PITTSFIELD WATER WORKS	.01	.01																							.02
PRAIRIE DU ROCHER W WKS															.04	.02		.03							.09
QUINCY CAA 6								*	*	*	*	*	.07												-
SPRINGFIELD WB AIRPORT //	.02		.02	.06																					.10
SPRINGFIELD WB CITY		.01	.05	.06																					.12
URBANA EXP FARM	.02																								.02
VANDALIA																	.04								.04
WASHINGTON	.05	.05	.10																						.20
WENONA			.02	.07	.01	.02	.02		.02	.02	.01	.01	.03	.02	.02	.01									.28
WEST FRANKFORT 8 E																		1.00	.02	.02					1.04
—3d—																									
BEARDSTOWN LAGRANGE DAM //											.05														.05
CAIRO WB CITY															.10			.53							.63
CISNE BROWN CAMP							.06	.33	.11																.50
DANVILLE HOSPITAL								.01	.02																.03
HOOPESTON										.02															.02
MT CARMEL WATER WORKS	.01	.03																							.04
MURPHYSBORO WATER WORKS //	*	*	*	*	*	*	*	1.01																	1.01
RICHVIEW							.02	.01																	.03
WEST FRANKFORT 8 E				.08	.02																				.10
—7th—																									
BELLEVILLE SCOTT AF BSE //																								.03	.03
CAIRO WB CITY																				.07	.02	.03	.04	.09	.25
CISNE BROWN CAMP																					.05	.05	.07	.28	.45
DIONA																								.05	.05
EFFINGHAM CAA //																							.03	.03	.06
GLENDALE EXP FARM																		.02	.03	.06	.06	.03	.05	.03	.28
GOLCONDA DAM 51																	.01	.01	.04	.05	.04	.01	.02	.03	.21
HUTSONVILLE //														.01		.01	.01				.01		.01	.01	.06
LOUISVILLE																							.06	.05	.11
MT CARMEL WATER WORKS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MURPHYSBORO WATER WORKS //																				.03	.03	.03	.04	.05	.18
NEWTON																			.01		.01		.03	.04	.09
PRAIRIE DU ROCHER W WKS																								.05	.05

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RICHVIEW																							.01	.04	.08	.13
VANDALIA																								.01	.05	.06
WASHINGTON																							.01	.01		.02
													—8th—													
AUGUSTA									.05	.02	.02	.01														.10
BEARDSTOWN LAGRANGE DAM	//							.07	.03	.04	.01	.01		.01	.04											.21
BELLEVILLE SCOTT AF BSE	//	.04	.07	.03	.08	.07	.14	.32	.21	.09	.01												.04			1.10
CAIRO WB CITY		.18	.06	.03	.03	.02	.02	.02	.02	.03		.03	.01		.06	.06	.07		.04						.01	.69
CARPENTER 1 SW			.02	.08	.01	.03	.05	.09	.04	.12	.08	.02														.54
CHICAGO S FILTER PL									.01																	.01
CISNE BROWN CAMP		.05	.04	.01	.08	.12	.17	.08	.01	.02																.58
COLLINSVILLE			.05	.05	.01	.07	.06	.12	.17	.12	.08	.07	.01	.01												.82
COULTERVILLE			.03	03	.09	.14	.16	.11	.19	.03	.01	.01	.06	.07	.04	.01	.07						.08			1.13
DIONA		.01																								.01
DWIGHT STATE REFORM							.02																			.02
EFFINGHAM CAA	//	.04	.06																							.10
GALATIA 1W																						.13	.08	.07	.03	.31
GLENDALE EXP FARM		.15	.23	.14	.06	.05	.03	.02	.04	.05	.01		.01	.01	.02			.17	.20	.10	.03		.02		.01	1.35
GOLCONDA DAM 51		.10	.15	.09	.04	.01	.04	.01	.01	.02				.01			.01	.29	.32	.16			.01	.01		1.28
GREENFIELD				.07	.01	.10	.06	.05	.05	.04	.02	.01	.01				.01	.01								.44
HUTSONVILLE	//	.04																								.04
JACKSONVILLE SEWAGE PL						.07	.07	.04	.04	.03	.03															.28
LOUISVILLE		.04	.05	.01	.04	.05	.10	.01																		.30
MARIETTA							.02	.01	.02																	.05
MASON CITY					.02	.02	.01																			.05
MORRISONVILLE		.01	.09	.01	.09			.01	.08	.03	.01		.01	.01												.35
MT CARMEL WATER WORKS		*	*	*	*	*	*	*	*	*	.50													.02		.52
MURPHYSBORO WATER WORKS	//	.14	.16	.09	.06	.01	.01	.02	.11	.11					.07	.02	.05	.03	.09	.21	.04	.04	.05	.04	.06	1.41
NEWTON		.01																								.01
PEORIA LOCK AND DAM	//						.01	.02	.04																	.07
PEORIA WB AIRPORT					.01	.01	.03																			.09
PITTSFIELD WATER WORKS							.09	.01	.02	.12	.06	.04	.01													.35
PRAIRIE DU ROCHER W WKS		.02	.03	.04	.03	.12	.08	.15	.09	.04	.01	.04	.06	.03	.05	.01	.03	.08	.07			.01	.05	.05		1.09
QUINCY CAA	6								*	*	*	*	*	.27												-
QUINCY DAM 21									.05	.05	.05															.15
RICHVIEW		.07	.07	.01	.10	.15	.22	.15	.08	.05				.03	.01											.94
SPRINGFIELD WB AIRPORT	//			.02	.04	.04	.01						.01													.12
SPRINGFIELD WB CITY				.02	.03	.03			.02																	.10
SULLIVAN WATER WORKS	//	.03	.01				.03																			.07
VANDALIA		.03	.05	.04	.07	.02		.26	.06																	.53
WASHINGTON		.01	.01																							.02
WEST FRANKFORT 8 E				.03	.07	.06	.07	.03	.03	.15	.06	.02	.12	02			.05	.05	.02							.78
													—9th—													
AUGUSTA																	.01	.05								.06
BELLEVILLE SCOTT AF BSE	//																								.03	.03
CAIRO WB CITY		.02	.05	.02												.02	.01				.04	.01				.17
CARPENTER 1 SW																.03	.02						.10	.10		.25
CISNE BROWN CAMP									.04	.03	.08															.15
COLLINSVILLE															.01	.01	.11	.02			.05		.12	.08	.01	.41
COULTERVILLE																							.01	.01	.01	.03
DIONA										.10	.05						.06	.06	.01	.03						.31
EFFINGHAM CAA	//											.03								.02	.13					.18
FAIRBURY WATER WORKS	//								.18										.03							.21
FARMER CITY							.01	.02																		.03
GALATIA 1W		.07	.08	.08	.13	.05	.08				.07	.01	.02				.01	.01		*	*	*	*	*	*	*
GLENDALE EXP FARM		.01	.02	.01	.01	.03	.02	.16	.05										.16	.05				.03		.55
GOLCONDA DAM 51		.01	.05	.01		.03	.01	.01									.13	.09	.17	.02	.02	.01	.01			.57
GREENFIELD															.02											.04
HUTSONVILLE	//										.03	.02				.02	.01	.01	.01	.09	.02	.01				.20
JACKSONVILLE SEWAGE PL																	.03	.01						.01		.05
KEWANEE BAKER PARK											*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LOUISVILLE									.01	.01	.01		.01													.04
MASON CITY																							.04	.01		.05
MORRISONVILLE															.05					.09	.03					.17
MT CARMEL WATER WORKS			.01	.01	.02							.03	.14	.08	.04	.01	.08									.42
MURPHYSBORO WATER WORKS	//	.01	.06	.03	.01	.02					.02		.07	.01	.01	.04	.18	.01		.01	.07					.55
NEWTON											.07	.03		.05	.01	.01				.05						.22
PRAIRIE DU ROCHER W WKS			.01	.01		.02	.01		.04																	.09
QUINCY CAA	6														*	*	*	*	*	.03						-
RANTOUL CHANUTE AF BASE	//																			.01		.01	.01	.09	.01	.13
SPRINGFIELD WB AIRPORT	//														.01	.16	.01									.18
SPRINGFIELD WB CITY															.03	.08										.11
SULLIVAN WATER WORKS	//									.01		.01						.95	.05	.47	.01					1.50
URBANA EXP FARM																			.03				.04			.07
VANDALIA											.01			.04						.05				.02		.12
WEST FRANKFORT 8 E			.20	.02	.02	.02	.05	.03		.01	.01	.01	.01		.03											.41
													—10th—													
AUGUSTA																.10										.10
BEARDSTOWN LAGRANGE DAM	//							.10																		.10
BELLEVILLE SCOTT AF BSE	//	.10																								.10
CAIRO WB CITY						.01	.17	.11	.01	.01	.01															.32
CARPENTER 1 SW												.07														.07
CHICAGO CAL TREAT WKS																	.02						.03			.05
CHICAGO ROSELAND PUMP																							.35	.11	.11	.57
CHICAGO SAN DIST DISPAT																									.12	.12
CHICAGO SAN DIST OFF																						*	*	*	.06	.06
CHICAGO S FILTER PL																	.16							.04	.08	.28
CHICAGO SPRINGFLD PUMP																									.03	.03
CHICAGO UNIVERSITY																								.10	.33	.43
CHICAGO WB AIRPORT																									.05	.05
CHICAGO WB CITY																								.01	.05	.06
COLLINSVILLE		.02	.01																							.03
COULTERVILLE																.02	.07	.01								.10
DANVILLE HOSPITAL															.37	.11	.01	.01	.01	*	*	*	*	*	*	*
DWIGHT STATE REFORM																							.01	.02	.21	.24
FAIRBURY WATER WORKS	//																.01	.09								.10
FARMER CITY						.06			.01								.01							.02	.01	11
FREEPORT SEWAGE PLANT																.19	.01			.01	.04		.01			.26
FULTON DAM 13										.01	.02					.21	.01	.01								.26
GALATIA 1W		*	*	*	*	*	*	*	*	*	2.04									.24	.06					2.95
GLENDALE EXP FARM												.04	.04				.01	.01	.21							.31
GOLCONDA DAM 51													.01			.05										.06
GREENFIELD													.70	.03	.02											.75
HOOPESTON														*	*	*	*	*	*	*	*	*	*	*	*	*
HUTSONVILLE	//												.03	.01		.05	.01	.05								.15
ILLINOIS CITY DAM 16				.04	.01																					.05
JACKSONVILLE SEWAGE PL															.27	.03										.30
JOLIET WB AIRPORT	6																					*	*	*	*	-
LANARK										.01	.03	.01						.21		.02				.02		.30
LOCKPORT LOCK AND DAM																				.10	.28			.01		.39

See reference notes following Station Index.

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LOCKPORT POWER HOUSE																			.01	.36			.02		.39
MARIETTA													.04	.01	.05	.02									.12
MC HENRY									.01	.01															.02
MOLINE WB AIRPORT														.23	.24	.02	.01								.50
MT CARMEL WATER WORKS		.01	.01				.12	.07					.01												.22
MURPHYSBORO WATER WORKS					.09	.09	.02	.09	.21	.08	.07			.03		.01		.10							.79
NEWTON														.02	.07										.09
PEORIA WB AIRPORT								.02		.01		.01													.04
PITTSFIELD WATER WORKS																.02	.01								.03
PRINCETON 1 S							.20	.09		.01															.30
PROPHETSTOWN									.08	.27															.35
RANTOUL CHANUTE AF BASE															.04		.01								.05
ROCKFORD CAA 6																				*	*	*	*	*	-
STICKNEY W SIDE TREAT																								.01	.01
SULLIVAN WATER WORKS													.01	.01											.02
URBANA EXP FARM													.02	.01	.02	.02									.07
WASHINGTON												.10													.10
WATERMAN								.05					.05												.10
WEST FRANKFORT 8 E		.02	.14																						.16
												—11th—													
ALEXIS WATER WORKS														.07	.03										.10
AUGUSTA											.01	.07													.08
BEARDSTOWN LAGRANGE DAM												.31	.42	.67	.56	.32	.01	.01							2.30
BRADFORD CAA 6								*	*	*	*	*	.02	*	*	*	*	*	.02						-
CARPENTER 1 SW																.12									.12
CHICAGO CAL TREAT WKS	.01					.08	.21			.15	.38														.83
CHICAGO ROSELAND PUMP	.14			.01			.30	.11																	.56
CHICAGO SAN DIST DISPAT	.12																								.12
CHICAGO S FILTER PL		.01	.01																						.02
CHICAGO SPRINGFLD PUMP	.01																								.01
CHICAGO UNIVERSITY	.01																								.01
CHICAGO WB AIRPORT	.16																								.16
COULTERVILLE																.28									.28
DANVILLE HOSPITAL	*	*	*	*	*	*	*	.05		.06	.02	.01	.01												.66
EFFINGHAM CAA																						.27	.03		.30
FAIRBURY WATER WORKS														.05	.02	.01									.08
GALATIA 1W																.07	.18								.25
GLENDALE EXP FARM													.53	.02		.02									.57
GOLCONDA DAM 51													.01				.01								.02
GREENFIELD													.03	1.19	.18	.04	.01								1.45
HOOPESTON	*	*	*	*	*	*	*	*	*	*	*	.05													.05
HUDSON LK BLOOMINGTON										.15															.15
ILLINOIS CITY DAM 16												.13		.03	.03										.19
JACKSONVILLE SEWAGE PL												.05			.05										.10
JOLIET WB AIRPORT	.05																								-
KEWANEE BAKER PARK	*	*	*	*	*	*	*	.27								.05									.32
LANARK	.01																								.01
LOCKPORT POWER HOUSE											.02														.02
MASON CITY																						.05	.36	.08	.49
MOLINE WB AIRPORT															.09	.03	.01	1.02	.05	.45	.21	.03	.04	.02	1.95
MT CARMEL WATER WORKS				.29	.01																				.30
MURPHYSBORO WATER WORKS												.07	.01	.01											.09
NEWTON																					.05	.07	.04		.16
PEORIA LOCK AND DAM																							.26	.03	.29
PEORIA WB AIRPORT																	.07					.16	.07		.30
PIPER CITY															.03										.03
PITTSFIELD WATER WORKS						.03																			.03
PRINCETON 1 S															.23										.23
QUINCY CAA 6								*	*	*	*	*	.07												-
RANTOUL CHANUTE AF BASE					.01	.03	.01																		.05
ROCKFORD CAA 6	.20																								-
STICKNEY W SIDE TREAT	.28	.02																							.30
SULLIVAN WATER WORKS																							.20	.07	.27
WASHINGTON																								.05	.05
WATERMAN	.21	.01																							.22
WEST FRANKFORT 8 E	.08																								.08
												—12th—													
ALEXIS WATER WORKS					.01		.02	.02		.01															.06
BRADFORD CAA 6		*	*	*	*	*	.05	*	*	*	*	*	.04	*	*	*	*	*	.03						-
CHICAGO CAL TREAT WKS														.01					.01						.02
CHICAGO LAKEVIEW PUMP														.02											.02
CHICAGO LOYOLA UNIV														.04											.04
CHICAGO MAYFAIR PUMP ST														.01											.01
CHICAGO N BRA PUMP STA														.05											.05
CHICAGO ROSELAND PUMP														.01											.01
CHICAGO SAN DIST DISPAT													.01	.02											.03
CHICAGO SAN DIST OFF												*	*	*	.03										.03
CHICAGO S FILTER PL													.01	.01				.01	.01						.04
CHICAGO SPRINGFLD PUMP														.04											.04
CHICAGO UNIVERSITY													.02	.02											.04
CHICAGO WB AIRPORT													.01	.02											.03
CHICAGO WB CITY													.01	.01	.01										.03
DANVILLE HOSPITAL										.02									.15						.17
DOUGLAS								.02	.01	.04															.07
DWIGHT STATE REFORM										.05	.02														.07
EVANSTON PUMP STA														.01											.01
FAIRBURY WATER WORKS																					.04	.03	.01		.08
HOOPESTON										.01	.05														.06
KANKAKEE SEWAGE PLANT												.02	.02												.04
KEWANEE BAKER PARK									.06	.01	.01														.08
MASON CITY	.01																								.01
MOLINE WB AIRPORT	.01	.02							.01														.01		.05
NEWTON	.01	.01																							.02
PEORIA LOCK AND DAM	.01																								.01
PEORIA WB AIRPORT				.03					.01																.04
PIPER CITY																			.03						.03
PRINCETON 1 S						.07	.03													.02	.03	.01			.16
PROPHETSTOWN																		.02	.05	.01					.08
SKOKIE N S TREAT WKS														.01											.01
STICKNEY W SIDE TREAT													.02	.01											.03
WASHINGTON				.03	.01																				.04
WENONA								.02	.01	.06	.09	.01					.01								.20
												—13th—													
HOOPESTON	.02																								.02
KANKAKEE SEWAGE PLANT																		.03	.01						.04
												—14th—													
CAIRO WB CITY											.04														.04

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
–18th–																									
BELVIDERE SEWAGE PLANT																								.18	1.94	2.12
CHICAGO CAL TREAT WKS																									.23	.23
CHICAGO LAKEVIEW PUMP																									.19	.19
CHICAGO LOYOLA UNIV																									.20	.20
CHICAGO MAYFAIR PUMP ST																									.31	.31
CHICAGO N BRA PUMP STA																									.23	.23
CHICAGO ROSELAND PUMP																									.31	.31
CHICAGO SAN DIST DISPAT																									.11	.11
CHICAGO SAN DIST OFF																									.20	.20
CHICAGO S FILTER PL																									.06	.06
CHICAGO SPRINGFLD PUMP																									.41	.41
CHICAGO UNIVERSITY																									.08	.08
CHICAGO WB AIRPORT																									.23	.23
CHICAGO WB CITY																									.20	.20
EVANSTON PUMP STA																									.02	.02
FREEPORT SEWAGE PLANT																								.02	.81	.17	1.00
LANARK																									.65	.65
MC HENRY														.01	.01	.02	.01							.13	.20	.38
ROCKFORD CAA	6																				*	*	*	*	*	-
SKOKIE N S TREAT WKS																								.01	.16	.17
STICKNEY W SIDE TREAT																									.18	.18
–19th–																									
ALEXIS WATER WORKS				.05	.11											.04										.20
AUGUSTA											.06	.07	.02													.15
BELVIDERE SEWAGE PLANT		.19	.02	.02																						.23
BRADFORD CAA	6		*	*	*	*	*	1.98							*	*	*	*	*	*	.01	*	*	*	*	*	-
CHICAGO CAL TREAT WKS		.17	.03	.04																						.24
CHICAGO LAKEVIEW PUMP		.10	.02																							.12
CHICAGO LOYOLA UNIV		.09	.03																							.12
CHICAGO MAYFAIR PUMP ST		.12	.05											.01												.18
CHICAGO N BRA PUMP STA		.13	.03																							.16
CHICAGO ROSELAND PUMP		.12	.05	.01																						.18
CHICAGO SAN DIST DISPAT		.11	.03																							.14
CHICAGO SAN DIST OFF		.11	.03																							.14
CHICAGO S FILTER PL		.10	.05	.02																						.17
CHICAGO SPRINGFLD PUMP		.12	.03																							.15
CHICAGO UNIVERSITY		.10	.05																							.15
CHICAGO WB AIRPORT		.19	.04	.01				.01																		.25
CHICAGO WB CITY		.10	.02	.01																						.13
CRETE			.46	.11	.09	.02					.01	.01														.70
DANVILLE HOSPITAL								.01	.04	.07	.03													.24	.21	.60
DOUGLAS					.06		.01	.03																		.10
DOWNS 2 NE								.18	.02	.12	.22	.01	.01	.01								.22	.31			1.10
DWIGHT STATE REFORM					.28	.07	.13	.02						.02					.01	.01	.04					.58
EVANSTON PUMP STA		.13	.09	.03																						.25
FAIRBURY WATER WORKS	//						.35	.05														.04			.38	.82
FARMER CITY							.12	.01	.01	.01												.12	.22	.01		.50
FREEPORT SEWAGE PLANT		.02																								.02
FULTON DAM 13		1.13	.04	.01		.01	01																			1.20
GLENDALE EXP FARM														.10												.10
HOOPESTON							.22	.08	.14	.02	.01											.07	.01	.51	.16	1.22
HUDSON LK BLOOMINGTON						.72	.22	.06													.02	.02		.16		1.20
ILLINOIS CITY DAM 16																					.09	.01				.10
JOLIET WB AIRPORT	6		*	*	*	*	*	1.31																		-
KANKAKEE SEWAGE PLANT				.26	.86	.16																				1.28
KEWANEE BAKER PARK			.28	.57	.05																					.90
LANARK			.01	.02																						.03
LOCKPORT LOCK AND DAM		.85	.40	.02	.02																					1.29
LOCKPORT POWER HOUSE		.82	.40	.01																						1.23
MARIETTA																		.05	04	.03	.02	.11	.02			.25
MC HENRY		.08	.04																							.12
MOLINE WB AIRPORT	//		.51	.24	.07																					.82
OREGON		.85	.03	.01																						.89
PEORIA LOCK AND DAM	//						.05	.48	.02	.13	.01															.69
PEORIA WB AIRPORT						.02	.37	.09	.16									.01	.01				.01			.67
PIPER CITY						.07	.10	.08								.01	.03							.33	.20	.82
PRINCETON 1 S	//			.85	.56	.02																	.02	.03		1.48
PROPHETSTOWN		.25	.44	.01										.03												.70
QUINCY CAA	6								*	*	*	*	*													-
QUINCY DAM 21										.25	.05															.30
RANTOUL CHANUTE AF BASE	//				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ROCKFORD CAA	6	1.90																								-
SKOKIE N S TREAT WKS		.08	.02																							.10
SPRINGFIELD WB CITY																			.01							.01
STICKNEY W SIDE TRFAT		.13	.04																							.17
URBANA EXP FARM										.02	.02													.44		.48
WASHINGTON							.95	.45	.69	.14	.03			.01	.07	.05							.02	.08		2.49
WATERMAN	//	.82	.09		.01	.01																				.93
WENONA					.01	.49	.01																			.51
–20th–																									
ALEXIS WATER WORKS										.03	.02			.03												.08
BEARDSTOWN LAGRANGE DAM	//												.03		.01	.01										.05
BRADFORD CAA	6	.02																								-
CAIRO WB CITY									.06	.04									.03							.13
CHICAGO N BRA PUMP STA																		.01								.01
DANVILLE HOSPITAL		.96	.57	.14	.01												.01	.08	.01							1.78
DIONA						.01	.02	.02									.03	.05	.02							.15
DOUGLAS										.16	.13	.08	.05													.42
DOWNS 2 NE									.03	.07					.87	.03										1.00
DWIGHT STATE REFORM															.02	.01										.03
EFFINGHAM CAA	//													.03	.29		.37	.51								1.20
FAIRBURY WATER WORKS	//	.11	.02											.10	.19	.01										.43
FARMER CITY								.01	.02	.02				.20	.59	.01										.85
FULTON DAM 13																								.08	.03	.11
GALATIA 1W																		.03								.03
HOOPESTON		.05	.04	.05																						.14
HUDSON LK BLOOMINGTON												.03	.32	.11												.46
HUTSONVILLE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ILLINOIS CITY DAM 16																							.03		.06	.09
KANKAKEE SEWAGE PLANT							.48	.14																		.62
LOCKPORT POWER HOUSE									.01																	.01
MARIETTA								.01	.01		.01															.03
MAROA														.10	.10	.01										.21
MASON CITY												.01	.07								.02		.02	.01	.02	.15
MT CARMEL WATER WORKS													.02													.02
NEWTON															.13	.25	.27	.05	.19							.89
PEORIA LOCK AND DAM	//											.61	.66	.07	.07	.01										1.42
PEORIA WB AIRPORT										.06	.74	.57	.07	.11												1.55
PIPER CITY		.21	.04												.01	.03			.01							.30
PRAIRIE DU ROCHER W WKS												.05		.01												.06

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PRINCETON 1 S							.07	.01	01																.09
PROPHETSTOWN																								.04	.04
QUINCY CAA 6														*	*	*	*	*	.05	*	*	*	*	*	-
RANTOUL CHANUTE AF E //	*	*	*	*	*	*	*	*	*	1.79						.28									2.07
SPRINGFIELD WB CITY													.07	.06											.13
SULLIVAN WATER WORKS //							.05								.67	.58									1.30
URBANA EXP FARM	.02			.02	.02			.01	.03						.51										.61
WASHINGTON											.60	.75	.34	.01											1.70
WENONA													.02	.08											.10
													—21st—												
ALEXIS WATER WORKS	.14	.04	.01										.11	.16	.26										.72
AUGUSTA			.62	.02	.01																				.65
BEARDSTOWN LAGRANGE DAM //																.05									.05
BELLEVILLE SCOTT AF BSE //				.02	.32	.02	.01	.01	.01									.02							.41
BELVIDERE SEWAGE PLANT		.01	.26	.53	.82	.52	.01				.02	.01													2.18
BRADFORD CAA 6		*	*	*	*	*	1.33							*	*	*	*	*	.50						-
CAIRO WB CITY									.14	.02															.16
CARPENTER 1 SW					.05	.29																			.34
CHICAGO CAL TREAT WKS					.20	.74	.49	.05	.02																1.50
CHICAGO LAKEVIEW PUMP					.32	.21	.05		.02		.01	.01													.62
CHICAGO LOYOLA UNIV				.01	.45	.27	.09		.02			.01		.03											.88
CHICAGO MAYFAIR PUMP ST				.15	.26	.32	.01		.02	.01		.03													.80
CHICAGO N BRA PUMP STA					.29	.24	.06		.02	.01			.02		.01										.65
CHICAGO ROSELAND PUMP					.38	.29	.88	.02	.04																1.61
CHICAGO SAN DIST DISPAT					.24	.28	.19		.04																.75
CHICAGO SAN DIST OFF					.41	.19	.17		.06																.83
CHICAGO S FILTER PL					.28	.13	.45	.02	.02						.02										.92
CHICAGO SPRINGFLD PUMP					.17	.35	.14		.01	.02		.01	.01												.71
CHICAGO UNIVERSITY					.34	.22	.32		.03																.91
CHICAGO WB AIRPORT				.01	.48	.38	.37	.01																	1.25
CHICAGO WB CITY				.01	.41	.23	.09	.01	.03	.01															.79
CISNE BROWN CAMP																		.01	.15	.09					.25
COLLINSVILLE					.40	.31	.19												.15						1.05
COULTERVILLE						.14	.09	.02											.14						.39
CRETE						.12	.74												.08	.07	.01				1.02
DANVILLE HOSPITAL							.21	.44											.59	.11	.01				1.36
DIONA																		.63	.12						.75
DOUGLAS		.22	.02	.61			.03																		.88
DOWNS 2 NE			.01	.01	.28	.20												.12							.62
DWIGHT STATE REFORM	.01	.01			.12	.33	.19										.21	.41	.08						1.36
EFFINGHAM CAA //					.05														.18						.23
EVANSTON PUMP STA					.61	.37	.12		.02			.03		.02											1.17
FAIRBURY WATER WORKS //						1.10												.36	.14	.02					1.62
FARMER CITY					.29	.21											.14	.01	.02						.67
FREEPORT SEWAGE PLANT	.13	.29	2.16	.44							.01														3.03
FULTON DAM 13	.13	.59	.02	.02																					.76
GALATIA 1W						.01	.29	.06	.01	.02										.03					.42
GLENDALE EXP FARM									.08	.02												.05	.06		.21
GOLCONDA DAM 51									.06	.01												.01			.08
GREENFIELD				.05																					.05
HOOPESTON							.47	.38										.23	.87	.07	.01				2.03
HUDSON LK BLOOMINGTON					.20										.02	.40	.15	.04							.81
HUTSONVILLE //	*	*	*	*	"	*	*	*	*	*	*	.35										.52	.01		.88
ILLINOIS CITY DAM 16	.01	.40													.04	.04									.49
JACKSONVILLE SEWAGE PI				.47	.02											.04									.53
JOLIET WB AIRPORT 6		*	*	*	*	*	1.20							*	*	*	*	*	.14	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																		.03	.26	.09					.38
KEWANEE BAKER PARK		.41	.07												.28	.18	.02								.96
LANARK	.30	.30	1.32	.07	.01																				2.00
LOCKPORT LOCK AND DAM				.03	.62	.04	.03										.01	.06							.79
LOCKPORT POWER HOUSE				.02	1.01	.13	.05										.01	.09							1.31
LOUISVILLE						.02	.05	.02											.04	.01					.14
MARIETTA	.01	.01	.19	.01																					.22
MAROA					.18	.01											.10								.29
MASON CITY				.08	.12																				.20
MC HENRY				.07	.13	.55	.19					.06	.06	.04											1.10
MOLINE WB AIRPORT //	.01	.04	.07												.05	.30									.47
MORRISONVILLE																	.08	.14							.22
MT CARMEL WATER WORKS								.04												.01	.20				.25
MURPHYSBORO WATER WORKS //						.01	.05	.05	.01																.12
NEWTON																			.19	.10					.29
OREGON	.01	.02	.11	1.06	.93	.02	.02																		2.17
PEORIA LOCK AND DAM //					.03											.45	.04	.01							.53
PEORIA WB AIRPORT			.03	.01											.35	.27									.66
PIPER CITY						.35	1.18											.22	.11	.03	.02	.01			1.92
PITTSFIELD WATER WORKS			.05	.01																					.06
PRAIRIE DU ROCHER W WKS				.01	.01	.03	.05																		.10
PRINCETON 1 S //				.55	.32		.01									.04	.08	.04					.02		1.06
PROPHETSTOWN		.03	.37	.01												.13	.06								.60
QUINCY CAA 6	.51	*	*	*	*	*	.09																		-
QUINCY DAM 21			.10	.01																					.11
RANTOUL CHANUTE AF BASE //						.01	.94	.03										.35	1.05	.01	.04				2.43
RICHVIEW					.02	.27	.01	.01	.01									.04	.11						.47
ROCKFORD CAA 6		*	*	*	*	*	2.65																		-
SKOKIE M S TREAT WKS				.01	.43	.23	.08		.02			.02													.79
SPRINGFIELD WB AIRPORT //				.02	.11											.07									.20
SPRINGFIELD WB CITY					.21																				.21
STICKNEY W SIDE TREAT	*	*	*	*	*	*	*	*	*	*	*	.61													.61
SULLIVAN WATER WORKS //				.01	.09	.02	.01											.67	.01						.81
URBANA EXP FARM					.01	.69												.61							1.31
VANDALIA						.03											.01	.35							.39
WASHINGTON	.01			.08												.10	.14	.26	.05					.01	.65
WATERMAN				.23	.38	.24																			.85
WENONA					1.50	1.27											.97	.33		.03			.01	.02	4.13
WEST FRANKFORT 8 E											.41	.07													.48
													—22d—												
BELLEVILLE SCOTT AF BSE //	.01																								.01
CAIRO WB CITY							.01																		.01
CRETE													-	-	-	-	-	-	-	-	-	-	-	-	-
JOLIET WB AIRPORT 6	.01																								-
PRINCETON 1 S //	.01	.01																							.02
WASHINGTON	.03	.01																							.04
WENONA	.01								.01	.01	.01														.04
													—26th—												
BELLEVILLE SCOTT AF BSE //																								.02	.02
BRADFORD CAA 6																				*	*	*	*	*	-
CHICAGO CAL TREAT WKS																								.01	.01
COLLINSVILLE																							.02	.03	.05
DIONA																								.05	.05
DOWNS 2 NE																				.01	.04	.01	.01	.01	.08

See reference notes following Station Index.

Table 4–Continued

HOURLY PRECIPITATION

ILLINOIS
SEPTEMBER 1950

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DWIGHT STATE REFORM																							.02	.01		.03
FREEPORT SEWAGE PLANT																						.01				.01
FULTON DAM 13																									.02	.02
GALATIA 1W																		.02					.02		.01	.05
GOLCONDA DAM 51														*	*	*	*	*	*	*	*	*	*	*	*	*
GREENFIELD																				.01	.03	.01		.01		.06
ILLINOIS CITY DAM 16																						.03				.03
LOUISVILLE																									.04	.04
MAROA																				.01	.01	.01				.03
MASON CITY																			.01	.06	.02	.01				.10
MOLINE WB AIRPORT	//																					.02	.02	.01		.05
MORRISONVILLE																			.01	.01						.02
PEORIA LOCK AND DAM	//																					.07			.01	.08
PEORIA WB AIRPORT																					.10	.01				.11
PITTSFIELD WATER WORKS																		.03	.02		.02	.03	.02			.12
PRINCETON 1 S	//																					.07		.01		.08
PROPHETSTOWN																					.02	.01		.01		.04
QUINCY CAA	6																				*	*	*	*	*	-
QUINCY DAM 21																		.03	.01		.03				.02	.09
RANTOUL CHANUTE AF BASE	//																							.01	.01	.02
ROCKFORD CAA	6																				*	*	*	*	*	-
SPRINGFIELD WB AIRPORT	//																		.01	.01	.01	.04				.07
SPRINGFIELD WB CITY																			.02	.03		.03	.01			.09
WASHINGTON																				.01	.02	.02				.05
WATERMAN	//																							.01	.01	.02
WENONA																						.02	.05	.01		.08
													—27th—													
BEARDSTOWN LAGRANGE DAM	//																			.08	.02		.08	.01	.01	.20
BELLEVILLE SCOTT AF BSE	//	.02	.02							.04	.07															.15
BRADFORD CAA	6	.06																								-
CAIRO WB CITY			.08	.20	.01	.03	.01		.08	.02									.01							.44
CHICAGO CAL TREAT WKS									.01																	.01
CHICAGO LAKEVIEW PUMP						.01	.01	.01																		.03
CHICAGO LOYOLA UNIV						.01	.01	.01																		.03
CHICAGO MAYFAIR PUMP ST							.02						.01													.03
CHICAGO N BRA PUMP STA							.02	.01																		.03
CHICAGO ROSELAND PUMP								.01																		.01
CHICAGO SAN DIST DISPAT																									.01	.01
CHICAGO S FILTER PL								.01																		.01
CHICAGO SPRINGFLD PUMP						.01	.01																			.02
CHICAGO WB AIRPORT							.02																		.01	.03
CHICAGO WB CITY							.01	.01																		.02
CISNE BROWN CAMP		.01	.02				.06	.18	.14	.06	.01	.02	.01	.01												.52
COLLINSVILLE		.04	.01																							.05
COULTERVILLE			.04	.01	.02		.01				.02	.12	.02	.01												.25
DANVILLE HOSPITAL		*	*	*	*	*	*	*	*	*	*	*	.13													.13
DIONA		.02	.01	.03	.02																					.08
DOWNS 2 NE			.01	.01	.01	.06	.01																			.10
DWIGHT STATE REFORM		.01	.01	.01	.01																					.04
EFFINGHAM CAA	//						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EVANSTON PUMP STA							.01	.02																		.03
FAIRBURY WATER WORKS	//				.08	.02																				.10
FARMER CITY																					*	*	*	*	.10	.10
FREEPORT SEWAGE PLANT			.01	.01																						.02
FULTON DAM 13		.01	.02																							.03
GALATIA 1W			.01	.03	.01	.06	.02	.01	.02	.10	.09	.03	.02													.40
GLENDALE EXP FARM				.02	.06	.09	.05	.03	.02	.02	.03	.02	.01													.35
GOLCONDA DAM 51		*	*	*	*	*	*	*	*	*	*	*	.35													.35
GREENFIELD		.01	.03		.12	.03	.04	.01	.04																	.28
HOOPESTON				.04	.01	.03	.04	.01	.01	.02	.01	.01														.18
HUTSONVILLE	//						.03	.02	.01		.01	.02	.02	.04	.01	.01	.01									.18
JOLIET WB AIRPORT	8		*	*	*	*	*	.07																		-
KEWANEE BAKER PARK																				.01	.01	.02	.01	.01		.06
LANARK			.04	.01																						.05
LOCKPORT LOCK AND DAM						.01	.02																			.03
LOUISVILLE		.01	.02	.02				.01	.12	.03																.21
MARIETTA																			.01	.02	.07	.02	.01	.05	.02	.20
MAROA		.01	.01	.05																						.07
MORRISONVILLE		.04	.02	.02																						.08
MT CARMEL WATER WORKS								.04	.09	.06	.02	.01	.04	.03												.29
MURPHYSBORO WATER WORKS	//	.01	.01		.02	.11	.02	.07	.01	.01																.26
NEWTON		.01	.04					.01	.03	.02	.03	.01												.01	.01	.17
PEORIA LOCK AND DAM	//	.02	.01																							.03
PITTSFIELD WATER WORKS		.01	.01																							.02
PRAIRIE DU ROCHER W WKS		.03	.02					.01	.01	.02	.01															.10
PROPHETSTOWN		.01																								.01
QUINCY CAA	6	.07																								-
QUINCY DAM 21		.01	.02	-	-	-	-	-																		.03
RANTOUL CHANUTE AF BASE	//	.01		.02																						.03
RICHVIEW			.01	.01	.03	.21	.01	.03		.01			.05													.36
ROCKFORD CAA	6	.03																								-
SKOKIE N S TREAT WKS							.01	.01																		.02
SPRINGFIELD WB AIRPORT	//			.06	.01	.01	.02																			.10
SPRINGFIELD WB CITY				.07	.01		.03																			.11
STICKNEY W SIDE TREAT			.01				.01	.01																		.03
SULLIVAN WATER WORKS	//							.01	.07	.04	.02															.14
URBANA EXP FARM				.04																						.04
VANDALIA							.01	.04																		.05
WASHINGTON		.01	.01																							.02
WATERMAN	//	.01	.01																							.02
WEST FRANKFORT 8 E											.03	.15	.04	.02		.05	.05	.02								.36
													—28th—													
ALEXIS WATER WORKS																						.03	.04	.04	.01	.12
AUGUSTA																		.03	.04	.02						.09
BELVIDERE SEWAGE PLANT										.02	.01			.01	.01	.01										.06
CAIRO WB CITY								.03	.07	.06	.01	.03	.04													.24
CISNE BROWN CAMP								.04																		.04
EFFINGHAM CAA	//	*	*	*	*	*	*	*	*	*	*	*	*	.09												.09
FREEPORT SEWAGE PLANT						.01		.02								.01	.01	.01	.02							.08
HUTSONVILLE	//												.05	.02	.03											.10
ILLINOIS CITY DAM 16																					.01	.01				.02
JACKSONVILLE SEWAGE PL																				.05						.05
KEWANEE BAKER PARK		.01	.01	.01	.01																					.04
LANARK								.01	.03									.01	.04							.09
LOUISVILLE								.02	.01	.01	.01															.05
MARIETTA		.03																								.03
MC HENRY				.10																						.10
MOLINE WB AIRPORT	//					.01																				.01
MURPHYSBORO WATER WORKS	//		.01		.02	.01																				.04
NEWTON		.01			.02					.01																.04
OREGON										.05						.01	.04		.01							.11
PROPHETSTOWN									.04	.01																.05
RICHVIEW								.03																		.03

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ROCKFORD CAA	6								*	*	*	*	*	.05	*	*	*	*	*	.06	*	*	*	*	*	-
														-29th-												
ROCKFORD CAA	6	.01																								-
														-30th-												
ALEXIS WATER WORKS						.10			.02	.01																.13
CAMP ELLIS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CRETE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN RIDGE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARIS SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	84	80	85	75	75	76	79	75	73	80	77	68	69	73	75	78	79	85	80	77	83	69	70	62	72	66	71	71	78	80		75.5
	MIN	60	59	55	54	47	46	50	54	58	63	63	56	53	51	49	52	57	59	69	62	61	51	52	38	39	43	57	61	61	60		54.7
ALTON DAM 26	MAX	75	85	77	77	75	78	80	77	77	78	82	79	76	76	76	78	82	89	91	92	86	78	81	66	73	68	67	76	82	76		78.4
	MIN	66	67	66	56	50	50	54	56	65	64	62	59	54	54	48	54	57	58	64	67	66	56	54	41	37	46	56	50	62	60		56.6
ANNA 1NW	MAX	75	79	85	78	73	75	76	68	75	78	80	79	79	74	70	77	81	86	88	82	83	75	80	68	70	67	68	68	76	77		76.1
	MIN	66	64	69	64	51	50	54	57	65	62	66	60	57	53	50	55	62	58	69	69	69	60	54	41	35	50	55	59	55	60		58.0
ANTIOCH	MAX	75	70	77	74	66	73	73	73	74	77	70	63	69	64	71	69	67	81	79	66	63	67	66	55	68	70	70	67	74	73		70.1
	MIN	60	58	52	48	46	45	47	55	58	62	61	56	56	56	51	55	48	52	60	58	57	51	49	36	44	43	58	59	59	58		53.3
AURORA COLLEGE	MAX	79	72	83	72	71	77	77	77	81	88	75	68	70	68	76	75	78	85	77	72	72	68	64	57	69	71	70	70	78	76		73.9
	MIN	62	61	50	47	44	44	45	45	60	46	64	58	58	49	41	44	46	47	62	60	62	52	50	33	38	37	57	59	62	60		51.4
BELLEVILLE SCOTT AF	MAX	72	82	77	75	72	75	77	73	75	75	77	76	74	77	70	75	79	84	88	87	76	73	78	61	69	67	67	68	80	77		75.1
	MIN	68	67	65	57	52	50	53	58	65	66	64	60	59	55	51	53	58	56	66	69	65	59	53	42	38	45	58	61	62	62		57.1
BLOOMINGTON NORMAL	MAX	79	78	85	76	73	76	79	82	83	79	82	80	67	70	76	80	77	85	85	80	85	81	71	68	70	71	66	73	80	77		77.1
	MIN	64	63	61	54	47	46	49	59	63	65	61	62	55	48	47	50	58	59	65	65	66	57	53	39	39	48	59	62	64	66		56.5
CAIRO WB CITY	MAX	76	79	86	79	73	77	76	69	73	77	83	80	80	74	71	75	81	86	88	81	82	69	79	66	70	68	72	68	75	79		76.1
	MIN	69	68	72	62	57	55	59	60	66	64	68	66	65	60	57	61	66	63	70	71	69	60	57	46	44	56	60	63	61	65		62.0
CARBONDALE SEWAGE PL	MAX	75	80	84	77	72	76	76	78	73	75	80	78	79	72	72	77	82	87	89	85	86	80	79	70	70	69	69	69	78	80		77.2
	MIN	67	63	69	64	52	50	53	58	65	64	67	62	60	52	49	53	60	56	69	70	72	60	55	42	34	46	57	60	54	59		58.1
CARLINVILLE 4E	MAX	75	83	78	73	72	74	78	77	75	78	84	75	75	72	75	78	80	84	89	87	87	73	77	64	71	68	65	75	81	77		76.7
	MIN	64	68	66	57	48	48	49	58	65	64	58	60	53	59	45	51	53	56	65	65	70	57	53	36	34	40	43	62	61	60		55.6
CARLYLE	MAX	72	79	77	73	74	75	76	77	74	77	80	72	75	72	72	72	79	87	90	86	85	75	78	64	71	69	67	70	82	79		76.0
	MIN	67	67	69	62	52	52	55	60	66	67	65	62	59	55	51	55	58	58	69	70	69	60	51	42	41	46	58	63	62	62		59.1
CHARLESTON	MAX	72	75	77			77	79	80	80	77	81	73	76	70	76												64	73		79		
	MIN	66	68	66			46	50	59	64	65	63	63	55	50	49												57	59	60	60		
CHICAGO HEIGHTS	MAX	77	73	84	74	68	74	77	80	81	80	73		70	66	75	76	75	84	76		79	70	64	55	68	72	71	68	80	77		73.8
	MIN	63	58	51	55	44	40	41	56	61	61	61		57	56	47	44	47	52	61		56	55	48	33	39	38	58	58	59	62	58	52.2
CHICAGO UNIVERSITY	MAX	72	70	82	66	65	68	70	71	71	75	69	65	70	64	69	72	66	82	67	68	68	70	61	54	68	71	71	69	79	76		69.6
	MIN	66	64	59	60	59	54	54	63	66	67	64	60	62	58	54	54	58	57	65	64	61	57	53	41	44	49	60	62	65	63		58.8
CHICAGO WB AIRPORT	MAX	75	74	83	68	68	74	75	78	78	84	74	65	70	66	74	74	72	85	72	72	71	71	63	55	68	73	72	72	81	79		72.9
	MIN	66	61	56	59	54	48	51	63	65	65	62	60	61	57	51	51	54	55	63	64	61	57	51	40	42	43	61	62	64	59		56.9
CHICAGO WB CITY	MAX	70	68	83	65	65	69	70	71	70	74	70	66	72	67	69	73	67	83	72	68	66	72	64	55	69	72	70	71	78	77		70.2
	MIN	66	65	64	61	60	59	63	66	67	68	65	60	62	60	57	60	59	61	65	64	62	60	55	46	49	51	62	62	66	64		61.0
CICERO	MAX	75	74	85	72	73	75	78	80	81	81	75	65	73	68	75	75	70	84	76	70	68	72	64	58	70	73	73	73	80	78		73.8
	MIN	64	63	55	57	55	46	49	61	62	62	64	59	60	58	49	50	55	54	64	63	62	57	53	39	40	41	60	61	64	57		56.1
DANVILLE	MAX	77	77	83	71	70	73	77	78	83	74	82	73	74	67	75	81	74	83	79	78	85	74	70	55	66	74	67	72	81	79		75.1
	MIN	66	65	65	55	48	47	49	60	65	65	64	63	59	55	48	49	52	52	68	65	63	58	50	34	34	38	59	59	60	62		55.9
DECATUR	MAX	71	75	83	76	74	77	77	79	80	76	83	70	73	67	76	79	81	85	88	84	87	74	76	59	73	71	64	76	82	78		76.5
	MIN	65	66	65	57	47	46	48	58	63	65	62	59	53	52	49	53	57	58	67	69	65	59	52	37	37	43	56	61	61	61		56.4
DIXON	MAX	80	77	83	74	73	76	78	78	83	77	72	66	67	70	75	75	76	83	82	75	72	67	66	58	68	70	70	69	76	78		73.8
	MIN	60	59	49	49	44	43	43	53	56	60	64	59	60	54	44	47	48	57	65	59	63	52	49	31	37	37	57	63	62	59		52.8
DU QUOIN	MAX	73	80	81	76	73	76	77	71	75	75	71	80	78	72	70	76	80	85	89	84	86	84	80	73	70	70	67	68	77	79		76.5
	MIN	67	65	70	62	53	51	55	58	65	64	61	61	59	55	51	51	62	58	68	70	71	67	65	43	38	48	58	61	60	63		59.3
EAST ST LOUIS	MAX	72	83	76	77	74	77	80	74	77	75	82	79	78	75	72	76	81	87	91	88	88	78	76	70	70	72	63	71	83	77		77.4
	MIN	68	67	69	63	52	51	53	57	65	66	64	61	59	56	51	53	57	57	68	70	69	59	57	42	38	54	59	62	58	67		59.1
EFFINGHAM CAA	MAX	72	77	75	72	71	75	77	79	75	77	82	75	74	70	75	76	78	83	85	81	85	72	76	56	68	71	64	70	80	79		75.0
	MIN	65	65	63	53	48	46	49	60	65	64	64	59	53	50	47	53	53	54	64	65	62	55	46	38	34	42	56	60	59	61		55.1
ELIZABETHTOWN	MAX	76	77	88	81	73	76	73	73	76	74	81	81	81	76	73	79	82	86	88	85	82	75	80	74	73	72	75	75	74	82		78.0
	MIN	69	68	70	65	50	50	54	58	66	62	66	63	59	53	50	55	62	59	67	70	71	60	50	42	38	50	58	61	66	62		59.1
FAIRFIELD	MAX	83	81	83	80	73	80	78	74	75	75	80	80	79	72	73	78	81	87	90	91	88	80	81	71	70	73	68	73	82	81		78.7
	MIN	68	66	70	61	52	50	52	58	67	64	67	65	57	52	46	52	58	55	67	68	70	60	53	39	35	47	58	60	57	60		57.8
FLORA	MAX	77	82	82	79	78	75	78	80	79	79	83	82	78	71	74	78	79	85	89	86	87	79	78	74	69	76	65	72	78	79		78.4
	MIN	57	63	60	65	50	49	58	59	64	65	66	64	58	52	48	59	65	57	66	70	70	63	55	37	34	43	58	60	58	59		57.7
FREEPORT	MAX	78	75	79	72	72	75	78	76	80	76	68	66	67	69	73	74	74	80	75	72	67	68	62	57	67	69	68	69	74	76		71.9
	MIN	55	54	48	45	41	39	42	47	49	58	62	57	59	55	43	47	45	58	62	57	55	48	45	32	40	39	51	59	60	60		50.4
FULTON DAM 13	MAX	77	75	78	72	72	78	78	75	80	74	71	67	69	72	73	76	76	82	78	75	72	70	66	59	69	70	70	68	75	78		73.2
	MIN	61	59	52	54	50	46	50	57	60	62	65	59	59	58	50	52	50	59	64	60	60	53	56	39	42	42	58	60	61	60		55.3
GALESBURG	MAX	83	85	87	75	74	79	80	75	82	77	80	66	70	73	73	78	79	82	82	79	83	69	68	61	71	68	71	72	76	76		75.8
	MIN	62	62	54	53	52	49	50	58	64	64	65	59	56	53	49	58	60	61	68	63	61	53	44	40	44	45	55	58	62	65		56.2
GALVA	MAX	82	77	84	73	74	75	79	78	84	78	81	74	70	74	75	78	78	86	79	77	86	69	70	61	72	69	73	72	81	79		76.3
	MIN	60	59	63	52	49	48	51	55	57	60	60	59	55	53	47	53	55	57	66	60	59	52	51	38	39	41	57	60	60	58		54.5
GOLCONDA DAM 51	MAX	75	72	86	72	70	74	72	70	74	74	76	80	80	74	73	78	81	80	88	84	80	66	80	63	70	70	72	74	72	78		75.3
	MIN	66	66	68	60	56	52	56	58	63	62	66	62	61	54	52	56	62	60	66	68	62	54	52	44	40	51	58	61	56	60		58.4
GREENVILLE	MAX	71	79	76	72	70	73	75	76	71	73	74	73	72	70	70	73	76	82	86	83	84	73	76	64	68	67	65	69	79	76		73.9
	MIN	68	65	67	60	51	49	52	58	65	65	64	61	57	54	51	54	58	59	66	68	68	59	55	40	39	49	56	61	62	60		58.0
GRIGGSVILLE	MAX	80	76	86	80	74	75	77	75	79	79	80	77	74	72	77	78	82	87	92	89	89	72	77	66	74	66	73	77	81	78		78.1
	MIN	62	59	62	55	41	45	46	55	61	61	60	56	48	49	47	51	53	55	65	65	63	53	51	36	37	41	54	60	59	57		53.6
HARRISBURG	MAX	77	83	85	79	72	76	75	75	78	74	83	81	80	73	73	77	81	87	91	88	86	76	80	68	71	75	72	75	78	80		78.3
	MIN	68	66	63	60	59	50	51	58	66	62	66	63	59	52	48	50	58	55	68	70	64	62	55	42	34	46	58	62	55	55		57.6
HAVANA	MAX	81	76	84	75	75	78	80	76	79	76	80	73	70	71	76	78	81	86	82	79	88	70	73	62	73	68	71	76	81	77		76.5
	MIN	66	62	62	58	50	48	50	60	63	65	62	60	52	51	47	53	56	59	69	66	66	58	54	39	36	39	59	63	63	61		56.6
HENRY	MAX	83	78	86	78	78	80	83	83	87	80	82	70	69	74	75	80	78	85	77	75	84	73	71	63	73	71	69	73	82	77		77.2
	MIN	64	62	55	54	48	46	47	59	61	62	60	60	56	50	47	49	53	57	68	62	60	54	50	38	41	39	55	62	62	60		54.7
HILLSBORO	MAX	71	79	76	74	72	75	78	78	75	79	78	77	75	72	73	78	80	84	88	86	87	75	77	69	72	67	65	71	82	79		76.4
	MIN	65	66	65	58	48	47	47	56	63	63	59	61	53	51	47	51	53	54	65	67	67	57	52	38	33	41	54	59	60	59		55.3
HOOPESTON	MAX	76	74	83	76	71	75	77	79	80	75	84	71	72	65	75	77	76	83	79	78	83	72	70	56	66	73	68	73	80	78		74.8
	MIN	66	64	63	54	48	46	47	59	64	64	64	63	60	53	47	50	51	51	64	64	64	57	50	33	36	39	57	59	61	59		55.2
JACKSONVILLE	MAX	81	78	83	77	73	75	78	76	79	74	75	74	73	71	75	74	81	85	87	88	88	72	75	65	72	65	68	75	81	78		76.5
	MIN	65	63	65	57	45	47	47	58	65	62	59	61	51	50	46	52	54	58	64	67	66	58	52	37	37	41	58	62	62	60		55.6

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE	MAX	79	82	79	79	73	76	79	77	76	76	79	75	75	75	73	76	80	87	90	88	88	82	78	74	73	71	69	74	82	80		78.2
	MIN	66	71	66	59	48	42	50	51	64	64	63	57	53	53	51	53	54	58	65	68	68	57	54	40	38	45	55	61	62	61		56.6
JOLIET WB AIRPORT	MAX	80	76	85	71	71	76	78	81	83	81	74	69	70	66	77	77	77	85	74	73	78	71	65	57	67	72	70	70	79	77		74.3
	MIN	64	55	52	48	44	43	44	56	61	61	62	61	59	51	43	43	47	51	61	62	60	54	41	35	36	39	58	61	61	57		52.3
KANKAKEE	MAX	81	74	82	77	71	75	78	82	81	75	78	70	67	65	74	75	76	83	78	75	82	70	67	54	66	71	68	69	78	75		73.9
	MIN	65	60	56	55	46	46	48	60	64	64	64	62	59	52	49	49	50	53	63	62	65	58	53	36	40	41	60	60	63	59		55.4
KANKAKEE 4 W	MAX	82	74	81	80	70	73	76	79	81	74	77	73	68	66	71	74	74	84	81	73	80	68	65	54	64	71	68	68	79	75		73.4
	MIN	64	56	54	52	46	42	46	58	62	64	61	60	59	50	46	44	49	51	63	61	65	57	50	35	39	38	59	60	63	59		53.9
KEWANEE	MAX	81	76	78	71	77	74	76	76	79	83	78	73	66	72	72	78	77	85	83	76	78	69	66	60	71	69	76	70	77	77		74.8
	MIN	61	60	62	52	47	45	46	53	56	60	59	59	56	54	50	52	54	57	56	66	60	53	54	34	43	41	55	60	61	59		54.2
LA SALLE 4 SW	MAX	84	77	85	74	75	76	80	74	81	80	78	70	69	72	76	78	81	86	85	84	85	71	73	64	72	69	71	76	78	79		76.8
	MIN	60	61	58	56	47	46	48	54	62	62	62	57	48	47	45	52	56	60	68	66	67	52	52	36	37	40	56	61	61	60		54.6
LA SALLE	MAX	86	80	87	77	79	82	84	85	87	83	78	70	73	71	76	79	79	86	76	78	83	72	68	60	70	74	72	74	81	78		77.5
	MIN	65	62	55	53	46	43	43	58	60	62	65	62	59	52	46	48	50	53	67	62	60	55	50	36	38	39	58	63	64	59		54.4
LINCOLN	MAX	79	79	85	75	76	77	80	78	79	75	83	71	70	69	76	79	80	86	87	81	87	71	74	60	72	71	65	75	82	79		76.7
	MIN	65	63	64	56	47	46	48	58	61	63	62	61	52	51	46	52	57	56	67	66	65	56	53	36	36	41	54	60	61	59		55.4
MARENGO	MAX	80	81	84	79	79	81	81	81	86	83	70	64	67	69	76	78	79	84	79	69	64	71	66	58	71	74	72	66	72	79		74.8
	MIN	57	47	49	43	40	41	43	50	52	57	62	56	57	55	46	43	43	51	60	56	57	50	47	31	38	38	57	60	61	57		50.1
MATTOON	MAX	71	74	78	71	71	74	77	79	77	73	78	71	72	68	74	75	77	83	85	81	86	72	73	56	68	70	63	72	79	78		74.2
	MIN	66	67	65	52	48	46	51	59	63	64	62	59	56	52	52	52	56	55	68	67	64	57	45	38	36	42	57	60	60	60		56.0
MC LEANSBORO	MAX	74	80	83	80	75	78	77	70	79	75	83	80	80	73	74	78	81	86	90	88	88	81	80	71	71	73	68	74	78	80		78.3
	MIN	68	66	70	62	51	50	52	57	65	63	67	64	58	54	49	53	57	57	67	68	72	61	55	40	36	50	57	61	58	61		58.3
MINONK	MAX	82	76	85	75	73	75	78	81	83	80	82	75	72	68	77	78	78	86	82	74	84	72	69	62	70	72	72	75	82	78		76.6
	MIN	61	58	55	52	44	44	46	55	60	62	59	59	54	47	51	52	47	51	64	57	60	52	49	35	35	38	52	58	60	57		52.5
MOLINE WB AIRPORT	MAX	80	78	83	72	73	75	78	78	83	76	76	64	68	73	74	75	77	85	74	76	78	70	67	61	72	68	71	70	78	79		74.4
	MIN	59	60	53	53	44	41	44	51	59	63	64	59	58	53	48	49	51	62	65	61	57	52	42	36	41	42	59	63	63	61		53.8
MONMOUTH AIRPORT	MAX	80	75	83	75	73	72	82	75	80	79	80	73	69	73	75	78	85	85	82	80	83	74	70	62	71	67	71	72	79	78		76.0
	MIN	68	56	54	52	42	43	46	51	57	59	57	53	51	49	44	50	42	42	68	63	62	50	50	33	41	40	56	60	61	59		52.0
MORRIS 3 NE	MAX	81	75	84	80	73	75	77	81	82	81	77	70	70	69	76	76	76	85	82	74	79	71	69	62	67	71	70	71	80	78		75.4
	MIN	62	60	53	50	43	42	45	56	61	62	63	59	60	50	43	45	47	51	65	61	61	53	52	37	40	40	57	60	62	56		53.2
MORRISON	MAX	81	80	84	75	76	79	80	82	84	78	76	68	70	75	77	78	80	85	78	75	76	71	66	59	73	69	71	70	77	79		75.7
	MIN	60	58	51	50	48	44	46	52	57	61	64	58	59	57	48	49	50	56	65	61	60	49	51	35	38	42	57	61	62	58		53.6
MORRISONVILLE 1 E	MAX	72	78	79	73	72	74	77	78	76	76	81	74	74	70	74	76	78	84	86	85	87	73	76	58	72	68	65	74	82	79		75.7
	MIN	66	67	66	58	48	46	50	58	62	64	60	62	50	49	47	52	55	56	66	67	68	58	53	39	34	43	56	60	61	59		56.0
MT CARMEL	MAX	82	80	80	80	78	78	76	75	76	75	80	79	80	78	74	79	77	86	89	85	88	80	75	74	71	75	71	78	80	80		78.6
	MIN	65	67	65	60	54	52	54	55	56	56	57	55	57	55	55	54	51	56	70	68	71	60	54	52	44	54	58	60	59	61		57.8
MOUNT CARROLL	MAX	79	77	79	73	75	77	79	78	82	78	70	66	68	70	74	74	76	82	78	77	71	70	65	56	69	69	69	71	75	77		73.4
	MIN	57	56	43	47	42	39	43	48	54	59	64	58	60	57	44	47	46	59	64	59	59	48	49	31	39	36	59	60	61	61		51.6
MOUNT VERNON 4N	MAX	74	80	83	77	75	78	82	74	74	74	81	77	75	71	72	76	79	84	89	84	85	78	78	67	70	69	65	70	79	79		76.6
	MIN	67	65	64	60	52	50	53	57	63	61	65	62	56	52	48	52	52	56	66	68	69	60	54	39	35	49	56	59	58	60		56.9
NEW BERLIN 1	MAX	74	77	83	77	70	73	72	69	72	72	78	78	76	70	75	80	84	88	84	81	75	76	66	67	70	70	69	74	78			74.9
	MIN	67	64	68	62	51	48	52	57	65	61	65	61	58	51	48	52	60	55	67	69	70	57	52	41	32	48	56	60	57	60		57.1
NEWTON	MAX	79	79	80	76	73	78	79	81	75	76	82	77	76	73	75	79	80	85	88	85	87	77	79	66	70	72	66	73	80	80		77.4
	MIN	66	66	65	58	48	48	49	58	63	63	60	65	53	50	45	51	52	50	65	66	65	59	52	35	31	39	57	58	55	57		55.0
OLNEY RADIO STA	MAX	75	80	81	75	74	75	77	78	71	76	82	77	77	71	74	78	80	85	89	84	87	79	79	67	69	74	63	74	79	81		77.0
	MIN	68	66	67	61	51	50	53	59	64	64	64	65	56	51	48	52	54	54	67	70	69	61	53	39	34	43	58	60	58	58		57.2
OTTAWA	MAX	85	77	88	77	78	79	81	81	85	78	77	68	69	68	77	77	76	86	69	76	80	71	68	58	68	71	70	71	78	77		75.5
	MIN	65	61	55	53	47	46	47	58	61	63	63	61	59	52	49	49	50	57	67	62	60	54	51	38	43	43	58	61	64	59		55.2
PALESTINE	MAX	75	74	82	75	72	77	76	81	72	72	83	77	78	73	76	79	79	86	88	87	86	76	78	58	70	76	66	72	81	81		76.9
	MIN	68	67	65	55	50	50	50	60	62	65	63	60	56	51	49	52	52	52	66	67	57	58	55	39	34	41	60	59	56	59		55.9
PANA	MAX	72	80	77	75	73	77	80	80	78	81	84	76	75	70	78	80	82	86	88	88	90	74	77	59	73	71	67	78	84	81		77.8
	MIN	66	68	66	58	43	48	51	58	62	64	63	63	54	53	48	54	56	54	66	68	67	59	53	38	37	44	55	60	60	60		56.5
PARIS WATER WORKS	MAX	74	75	80	73	72	76	80	78	83	74	84	75	75	74	76	77	79	83	87	82	84	74	73	56	69	73	68	74	81	80		76.3
	MIN	65	66	64	55	48	48	49	60	62	64	62	62	54	51	49	51	53	52	66	63	63	58	53	35	35	39	57	57	58	59		55.3
PEORIA WB AIRPORT	MAX	83	72	84	74	75	77	80	80	85	75	81	66	70	70	74	78	78	85	81	78	84	68	70	59	70	67	68	73	80	76		75.4
	MIN	64	61	61	55	51	50	51	59	64	65	59	57	54	51	49	55	59	59	66	64	59	56	46	40	39	45	57	62	63	61		56.1
PONTIAC	MAX	81	72	82	79	71	74	78	81	82	75	77	71	68	66	72	75	74	83	78	72	79	70	68	58	65	70	68	70	77	76		73.7
	MIN	64	61	55	54	47	47	49	59	63	65	62	60	52	50	47	50	53	53	67	64	64	57	57	38	40	40	56	60	62	60		55.2
QUINCY	MAX	84	75	87	78	74	77	80	69	80	79	75	72	72	71	74	73	78	88	89	87	83	68	75	65	73	65	75	77	82	81		76.9
	MIN	61	62	64	57	47	49	48	54	60	62	65	59	50	51	49	58	56	62	68	67	66	54	54	39	40	45	55	63	62	61		56.3
QUINCY CAA	MAX	83	73	85	74	73	76	78	70	79	80	75	72	72	71	75	75	79	87	89	87	85	69	75	64	73	66	74	79	81	80		76.6
	MIN	62	60	62	51	45	45	46	53	60	62	62	53	46	48	48	56	54	58	67	67	60	53	44	38	37	42	58	61	61	59		53.9
RANTOUL CHANUTE AF	MAX	76	75	85	72	71	74	77	78	82	73	79	68	70	64	80	76	75	84	80	74	83	73	71	55	68	72	65	75	81	78		74.5
	MIN	67	66	64	53	50	49	52	61	65	65	65	61	56	53	50	54	57	53	68	66	62	57	45	40	40	42	60	61	60	58		56.7
ROBERTS 3 N	MAX	78	73	82	80	82	73	76	79	79	78	78	71	70	70	74	75	76	84	79	75	83	70	78	55	65	73	68	71	80			75.0
	MIN	65	62	57	52	44	42	45	59	63	62	61	61	57	50	48	48	52	52	64	63	65	57	52	37	39	40	57	59	59			54.2
ROCKFORD	MAX	77	76	80	75	73	77	79	74	82	79	68	66	67	66	76	77	76	82	77	70	69	69	66	57	70	71	72	65	75	78		73.0
	MIN	58	56	49	47	43	42	45	51	52	58	63	58	59	57	45	48	48	55	62	58	59	52	48	32	39	39	58	61	60	59		52.0
ROCKFORD CAA	MAX	76	76	80	72	73	75	79	75	81	81	67	64	66	67	75	74	74	83	77	70	65	68	62	57	70	70	70	64	76	77		72.1
	MIN	58	53	49	48	43	40	43	50	51	59	60	57	59	52	43	46	46	55	57	56	54	50	40	31	39	38	58	60	60	57		50.4
RUSHVILLE	MAX	80	74	85	76	73	76	75	76	80	80	77	70	72	73	78	76	82	87	83	82	88	71	76	66	73	67	72	77	81	77		76.8
	MIN	63		63	57	48	48	50	57	60	64	62	60	51	50	51	54	56	57	66	68	65	57	52	40	37	43	57	61	60	60		55.8
SPARTA	MAX	71	81	81	78	74	77	78	72	78	74	80	78	77	73	72	77	82	87	91	88	87	76	81	69	72	70	67	68	81	80		77.3
	MIN	66	65	69	62	52	49	53	58	65	65	65	60	57	55	51	53	61	57	67	70	68	56	61	42	37	47	57	60	56	61		58.2
SPRINGFIELD WB AIRPORT	MAX	79	79	82	74	73	75	78	78	76	78	78	69	70	69	74	76	78	84	84	82	86	71	74	61	71	59	66	75	80	77		75.5
	MIN	65	64	65	52	47	48	48	59	64	65	60	54	50	49	48	54	56	61	67	66	61	57	46	39	39	44	57	62	62	62		55.7
SPRINGFIELD WB CITY	MAX	80	80	81	75	74	77	80	79	78	77	82	72	73	69	76	78	81	86	85	85	88	73	76	60	72	70	67	75	83	78		77.0
	MIN	66	65	67	54	50	50	52	61	64	66	64	60	55	53	54	57	58	61	70	69	63	59	49	42	43	48	57	63	62	62		58.1

See reference notes following Station Index

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DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STOCKTON	MAX	77	74	77	69	72	76	76	76	80	76	67	64	64	70	75	74	76	82	79	72	69	70	67	57	69	68	68	72	74	78		72.3
	MIN	57	52	49	44	41	38	41	48	51	57	61	55	57	55	48	49	45	58	61	56	56	47	46	32	43	42	56	58	59	59		50.7
SYCAMORE	MAX	81	77	81	73	68	78	80	80	82	82	72	67	69	66	75	76	76	83	79	71	66	70	64	56	69	72	71	69	78	76		73.6
	MIN	60	58	48	45	42	42	45	55	56	60	64	57	58	55	44	44	48	52	60	58	59	51	48	31	38	40	56	61	62	56		51.8
TABLE GROVE	MAX	81	75	84	74	73	75	78	74	81	76	79	66	70	71	75	77	81	86	83	80	86	69	73	63	72	69	72	77	79	76		75.8
	MIN	64	61	64	56	48	49	52	57	61	63	62	58	51	49	50	55	56	58	68	66	66	54	53	38	40	43	56	62	61	61		56.1
TUSCOLA	MAX	72	77	82	75	71	75	78	76	82	73	81	74	73	65	76	76	79	83	87	80	86	79	73	63	64	74	66	76	81	79		75.9
	MIN	66	68	66	57	48	48	51	60	63	64	62	63	53	50	48	52	56	52	65	65	65	58	53	38	38	48	56	60	59	59		56.4
URBANA	MAX	74	77	83	72	71	74	77	77	82	71	80	69	71	65	75	77	77	83	84	74	85	73	72	55	69	72	64	73	80	77		74.4
	MIN	67	67	64	55	48	48	50	61	62	65	65	63	55	52	49	50	56	54	68	66	64	58	54	37	38	41	59	60	60	59		56.5
VIRDEN	MAX	77	83	80	77	73	75	78	78	77	76	80	74	74	71	73	76	80	83	87	86	86	73	76	65	73	67	66	74	81	77		76.5
	MIN	66	66	64	57	46	46	49	58	64	65	59	62	51	49	48	54	56	59	65	65	68	57	51	37	35	45	56	60	61	60		56.0
WALNUT	MAX	79	78	85	82	74	76	78	79	83	78	77	71	70	70	75	76	75	83	81	77	78	72	66	59	68	72	73	68	77	77		75.2
	MIN	60	60	52	50	47	43	48	54	58	60	64	60	58	55	47	50	53	57	66	61	60	54	49	37	41	43	56	62	62	60		54.2
WATSEKA	MAX	79	74	81	75	71	73	76	80	80	75	78	72	71	66	71	71	75	81	76	75	81	71	67	53	63	71	67	70	78	78		73.3
	MIN	67	63	57	55	46	45	48	60	64	62	64	63	60	52	48	49	52	53	68	64	64	57	52	34	36	37	58	60	63	60		55.4
WAUKEGAN	MAX	72	69	80	67	65	72	73	71	74	76	68	63	71	67	72	67	66	84	77	65	64	70	63	55	70	73	72	72	77	76		70.4
	MIN	60	62	50	48	47	44	44	55	60	63	62	57	55	57	50	49	53	54	61	59	57	51	49	34	40	45	58	60	59	59		53.4
WHEATON COLLEGE	MAX	78	70	81	76	68	74	75	76	78	81	78	66	69	67	74	72	73	83	82	69	69	70	68	57	68	70	70	71	77	75		72.8
	MIN	62	62	52	60	43	45	46	57	68	61	65	58	59	57	46	46	49	54	62	59	59	54	50	35	41	48	58	60	62	64		54.7
WHITE HALL 1 E	MAX	78	82	83	81	75	75	78	77	80	78	79	75	72	71	75	76	79	85	89	87	88	82	79	73	71	71	66	75	81	80		78.0
	MIN	66	65	66	59	49	49	52	58	65	63	61	58	50	51	46	54	55	57	63	65	66	58	53	40	33	42	57	62	62	60		56.2
WINDSOR	MAX	71	76	78	72	71	75	76	78	77	76	81	72	73	68	75	77	78	85	87	84	87	72	75	60	68	69	64	74	80	78		75.2
	MIN	65	67	65	56	46	44	46	58	62	64	59	64	53	52	50	52	55	54	67	64	65	59	53	36	34	42	55	60	58	60		55.5

Table 6

EVAPORATION AND WIND

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Carbondale Sewage	EVAP	-	-	-	.12	.34	.20	.05	.09	-	.19	-	.00	.11	.14	.07	.17	.09	.06	.16	.27	.06	.16	.04	.19	.25	.09	*	.07	.02	.09		3.64B
	WIND	BE	17	18	12	60	50	30	50	30	17	3	10	10	10	10	10	12	18	50	4	96	90	10	69	24	7	13	37	20	10		925
Rockford 4 NE	EVAP	.10	.13	.16	.17	.15	.15	.06	.24	.08	.11	.09	.10	.05	.05	.08	.15	.12	.14	.32	.16	-	.05	.09	.15	.06	.14	.06	.13	.01	.09		3.51B
	WIND	2	22	16	13	23	10	8	6	4	10	8	4	13	16	16	13	M	36	85	14	15	56	37	18	38	44	51	101	22	33		742
Springfield WB AP	EVAP	.08	.10	.12	.20	.28	.20	.19	.20	.14	.09	.11	.12	.10	.16	.09	.12	.16	.16	.28	.39	.04	.16	.20	.26	.10	*	.24	.04	.08	.19		4.60
	WIND	204	152	71	53	91	62	41	77	96	34	34	64	49	77	59	30	89	40	100	50	85	165	100	120	40	30	40	170	103	108		2434
Urbana Eng Campus	EVAP	*	*	*	.32	.12	.14	.16	.15	*	.14	.06	M	.05	.20	.06	.10	.10	.10	.13	.07	.10	-	.11	.09	.07	.06	.04	.07	*	.05		2.58B
	WIND	45	40	24	43	24	34	22	36	36	25	15	5	8	15	10	6	7	8	28	12	17	25	20	29	11	10	12	23	13	17		620

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time Temp	Observation time Precip	Observer	Refer to tables
[illegible]	[illegible]	Edwards	7	38 22	88 03	447		6P	Mrs. Bessie Ellen	3
[illegible]	0072	Mercer	4	41 12	90 45	739	6P	6P	J W Parkinson	2 3 5
[illegible] Water Works	[illegible]	Warren	2	41 03	90 34	694		MID	Municipal Wtr Wks	3 4
[illegible]	[illegible]	Madison	4	38 [illegible]	90 11	432	MID	7A	Corps of Engineers	2 3 5
[illegible] 1 SW	[illegible]	Union	5	37 28	89 15	629	7P	7P	J Bon Hartline	2 3 5 7
Annawan	[illegible]	Henry	6	41 24	89 51	620		5P	Betty W. Johnson	3
Antioch	0201	Lake	1	42 29	88 06	770	7P	7P	Roy I. Kufalk	2 3 5 7
[illegible]	[illegible]	Hancock	1	40 14	90 57	680		MID	Ray Pierce	3 4
Aurora [illegible]	[illegible]	Kane	1	41 45	88 20	744	7P	7P	Phy's Dept Aurora C	2 3 5 7
Barry	[illegible]	Pike	4	39 41	91 03	640		5P	Wm G. McNeal	3
[illegible]	[illegible]	Cass	1	40 01	90 26	444		7A	Otto O. Swope	3
Beardstown Lagrange Dam	[illegible]	Brown	1	39 56	90 32	434		MID	Corps of Engineers	3 4
[illegible] A Base	0510	St. Clair	2	38 32	89 51	444	MID	MID	U S Air Force	2 3 4 5 7
[illegible] Sewage Plant	[illegible]	Boone	6	42 16	88 52	778		MID	Edgar F Bruns	3 4
[illegible]	[illegible]	Hancock	4	40 20	91 07	671		6P	Roy H. Gibbons	3
Benton	[illegible]	Franklin	4	38 00	88 55	374		6P	Benton Water Dept.	3
Bloomington	0761	McLean	1	40 30	89 01			7A	C C Williams	3
[illegible] Normal	0766	McLean	1	40 30	89 00	830	8P	4P	Harry [illegible] Johnson	2 3 5 7
Bluffs	0781	Scott	1	39 45	90 33	467		6P	Hugh Moore	3
Bradford CAA AP	0873	Bureau	1	41 13	89 37	795		MID	U.S Civil Aero Adm	3 4
[illegible] Dam [illegible]	[illegible]	Massac	5	37 08	88 39	335		6A	Corps of Engineers	3
Cairo WB City	1166	Alexander	4	37 00	89 10	314	MID	MID	U S Weather Bureau	2 3 4 5 7
Canton [illegible]	[illegible]	Fulton	1	40 23	90 20	640		MID	Post Engr Wtr Supt	3 4
[illegible]	1250	Fulton	1	40 34	90 02	655		6P	Floyd D Hammond	3
Carbondale Sewage Plant	[illegible]	Jackson	5	37 44	89 12	420	7P	7A	Harold U Hill	2 3 5 6
Carlinville 4 E	[illegible]	Macoupin	1	39 17	89 49	627	6P	6P	Henry B. Hoelting	2 3 5 7
Carlyle	1288	Clinton	2	38 36	89 22	461	7P	7P	Thomas A. Murphy	2 3 5
Carmi	1296	White	7	38 05	88 10	399		8P	J A Rickenbach	3
Carpenter 1 SW	[illegible]	Madison	4	38 [illegible]	89 54	520		MID	U.S. Soil Cons. Ser.	3 4
Casey	[illegible]	Clark	7	39 18	88 00	648		6P	Walter A. Newlin	3
Centralia 4 W	[illegible]	Marion	2	38 31	89 12	494		6P	Edgar V. Cavanaugh	3
[illegible]	[illegible]	Cass	1	40 03	90 09	464		6P	W. D Upp	3
[illegible] Dresden [illegible]	[illegible]	Grundy	1	41 24	88 17	510		7A	Corps of Engineers	3
Charleston	[illegible]	Coles	7	39 [illegible]	88 11	686	6P	6P	William H. Dykes	2 3 5
Chenoa	[illegible]	McLean	1	40 44	88 44	71[illegible]		MID	Mrs. Susan Jeffers	3
Chester	[illegible]	Randolph	4	37 54	89 50	381		7A	Ackmas B Martin	3
[illegible] Wks	1522	Cook	[illegible]	41 40	87 36	593		MID	Chgo Sanitary Dist.	3 4
[illegible]	[illegible]	Cook	3	41 30	87 38	634		7P	Alfred J Cooper	2 3 5
Chicago Lakeview Pumping	[illegible]	Cook	[illegible]	41 5[illegible]	87 40	601		MID	Cty Engr Wtr Purif	3 4
[illegible]	[illegible]	Cook	[illegible]	42 [illegible]	87 40	592		MID	Chgo Sanitary Dist	3 4
[illegible] Pumping Sta	[illegible]	Cook	3	41 58	87 45	647		MID	Cty Engr Wtr Purif	3 4
[illegible]	1547	Cook	3	41 [illegible]	87 42	595		MID	Chgo Sanitary Dist.	3 4
[illegible]	[illegible]	Cook	3	41 42	87 38	659		MID	Cty Engr Wtr Purif	3 4
[illegible]	[illegible]	Cook	3	41 5[illegible]	87 42	602		MID	Chgo Sanitary Dist.	3 4
[illegible]	[illegible]	Cook	3	41 [illegible]	87 38	598		MID	Chgo Sanitary Dist.	3 4
[illegible]	[illegible]	Cook	3	41 45	87 33			MID	Cty Engr. Wtr Purif	3 4
[illegible] Pumping	1567	Cook	3	41 55	87 44	630		MID	Cty Engr Wtr Purif	3 4
[illegible]	[illegible]	Cook	3	41 47	87 36	594	MID	MID	Univ of Chicago	2 3 4 5
[illegible] WB Airport	[illegible]	Cook	[illegible]	41 47	87 44	623	MID	MID	U S Weather Bureau	2 3 4 5 7
Chicago WB City	[illegible]	Cook	3	41 [illegible]	87 38	823	MID	MID	U S Weather Bureau	2 3 4 5
Chillicothe	[illegible]	Peoria	1	40 55	89 [illegible]	490		6P	David H Dugan	3
[illegible]	[illegible]	Cook	3	41 51	87 46	608	7P	7P	George D. Lukes	2 3 5
[illegible] Brown Camp	1664	Wayne	7	38 31	88 24			MID	Pure Oil Company	3 4
Clinton 1 S	1733	De Witt	1	40 08	88 58	746		6P	C. F Corrington	3
[illegible]ville	[illegible]	Madison	4	38 4[illegible]	89 59	500		MID	Norma F Evanko	3 4
Coulterville	1944	Randolph	4	38 11	89 36	590		MID	Harley L. Isom	3 4
Crete	[illegible]	Will	3	41 27	87 38	675		MID	Village of Crete	3 4
Danville	2140	Vermilion	7	40 08	87 38	602	7P	7P	E C Hewes	2 3 5 7
Danville Hospital	[illegible]	Vermilion	7	40 08	87 39	575		MID	Lakeview Hospital	3 4
Danville Sewage Plant	[illegible]	Vermilion	7	40 08	87 39	555		7A	Ben Burt	3
Decatur	[illegible]	Macon	1	39 51	88 57	682	7P	7P	Amelia Coonradt	2 3 5 7
Des Plaines [illegible]	2286	Cook	1	42 03	87 55	704		4P	George A Honemann	3
[illegible]	2330	[illegible]	7	39 22	88 08	660		MID	Maurice L. Reed	3 4
Dixon	[illegible]	Lee	6	41 50	89 29	696	6P	6P	William W. Shuck	2 3 5 7
Douglas	[illegible]	Knox	1	40 47	90 05	650		MID	Willard D. Staggs	3 4
[illegible]	[illegible]	McLean	1	40 25	88 51	794		MID	Ada A. Devine	3 4
Du Quoin	2483	Perry	4	38 01	89 14	468	6P	6P	G. H. Knetzger	2 3 5
Dwight	2497	Livingston	1	41 06	88 25	641		6P	J Frank Ziegler	3
Dwight [illegible] Reformatory	[illegible]	Livingston	1	41 [illegible]	88 28	641		MID	St Ref for Women	3 4
[illegible]	[illegible]614	St. Clair	4	38 37	90 07	413	7P	1A	Union Ele. of Ill.	2 3 5
[illegible]	[illegible]	Madison	[illegible]	38 49	89 58	554		6P	Arthur W. Jaggers	3
[illegible]	2687	Effingham	7	39 09	88 32	[illegible]	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
Elgin	2736	Kane	1	42 02	88 17	729		7P	W [illegible]. Beckner	3
[illegible]	[illegible]	Hardin	5	37 [illegible]	88 18	357		5P	U S Forest Ranger	2 3 [illegible]
[illegible]	[illegible]	Jersey	4	38 57	90 22	420		5P	The Principia Coll	3
Evanston Pumping Sta	[illegible]	Cook	3	42 0[illegible]	87 41	62[illegible]		MID	Chgo Sanitary Dist.	3 4
Fairbury Water Works	[illegible]	Livingston	1	40 44	88 31	691		MID	Dept of Wtr Works	3 4
Fairfield	2931	Wayne	7	38 23	88 22	451	6P	6P	H D Willard	2 3 5
Farmer [illegible]	[illegible]	De Witt	1	40 14	88 38	732		MID	Roy Neal	3 4
Flora	[illegible]	Clay	7	38 40	88 29	490	6P	6P	Clay County Hospital	2 3 5
Freeport	[illegible]	Stephenson	6	42 18	89 37	761	7P	7P	John Schroder	2 3 5
Freeport Sewage Plant	[illegible]	Stephenson	6	42 17	89 36	751		7A	Sewage Treatment Pl.	3 4
Fulton Dam 13	[illegible]	Whiteside	4	41 54	90 09	592	5P	8A	Corps of Engineers	2 3 4 5
Galatia 1 W	[illegible]	Saline	5	37 51	88 37	410		MID	Josephine Harris	3 4
Galena	[illegible]	Jo Daviess	4	42 25	91 26	603		6P	Orrin A. Merrifield	3
Galesburg	[illegible]	Knox	1	40 57	90 21	780	MID	5P	James Barrett	2 3 5
Galva	3335	Henry	1	41 1[illegible]	90 02	849	6P	6P	Arthur E. Johnson	2 3 5 7
Geneseo	3384	Henry	6	41 27	90 09	639		6P	Mrs. M. J. Bessant	3
Gibson City	3413	Ford	1	40 28	88 23	753		6P	Edward P. Bergstrom	3
Gladstone Dam 18	[illegible]	Henderson	4	40 50	91 04	538		8A	Corps of Engineers	3
Glendale Exp. Farm	3482	Pope	5	37 26	88 41	500		MID	U.S. Soil Cons. Serv	3 4
Golconda Dam [illegible]	3522	Pope	5	37 22	88 29	354	MID	6A	Corps of Engineers	2 3 4 5 7
Golden	3530	Adams	1	40 06	91 01	725		6P	G. W Nethery	3
Grafton	3572	Jersey	4	38 58	90 26	404		7A	John A. DeSherlia	3
Grand Tower 2 N	3595	Jackson	4	37 40	89 30	367		3P	John A. Dickson	3
Greenfield	[illegible]	Greene	1	39 20	90 12	556		MID	Fred S. Pewter	3 4
Greenup	[illegible]	Cumberland	7	39 15	88 10	554		4P	Ettelbrick Shoe Co.	3
Greenville	3693	Bond	2	38 53	89 24	563	7P	7P	Deane J. McAlister	2 3 5 7
Gridley	3709	McLean	1	40 45	88 53	752		6P	Ezra D. Stoller	3
Griggsville	3717	Pike	1	39 43	90 44	685	6P	6P	Mrs. Ellen B. Harvey	2 3 5
Hardin	3850	Calhoun	1	39 09	90 37	700		6P	A. B. Campbell	3
Harrisburg	3879	Saline	5	37 44	88 32	366	6P	6P	Clyde Pittman	2 3 5 7
Harrisburg Disposal Pl	3884	Saline	5	37 44	88 31			6A	W. Harrison Kibler	3
Havana	[illegible]	Mason	1	40 18	90 03	451	7P	7P	L. L Euteneuer	2 3 5
Havana No. 2	3940	Mason	1	40 18	90 04	460		7A	Ewald R. Trimpe	3
Henry	4017	Marshall	1	41 07	89 22	491	7P	7P	C. Haddon Perdew	2 3 5 7
Hillsboro	4108	Montgomery	2	39 09	89 29	626	6P	6P	H. A. Cress Jr.	2 3 5
Hoopeston	[illegible]	Vermilion	7	40 28	87 40	717	6P	6P	Charles S. Flexman	2 3 4 5
Hudson [illegible] Bloomington	[illegible]	McLean	1	40 40	88 56	74[illegible]		MID	Ill State Wtr Sur	3 4
Hutsonville	4312	Crawford	7	39 07	87 40			MID	Ed B. Dry	3 4
Hutsonville Pwr Plant	4317	Crawford	7	39 06	87 40			7A	Ill Public Serv Co	3
Illinois City Dam 16	4355	Rock Island	4	41 25	91 01	554		8A	Corps of Engineers	3 4
Jacksonville	[illegible]	Morgan	1	39 44	90 14	607	6P	6P	Norbury Sanatorium	2 3 5
Jacksonville Sewage P	4447	Morgan	1	39 44	90 14	575		MID	Municipal Sew Tr	3 4
Jerseyville	[illegible]	Jersey	1	39 07	90 20	635	6P	6P	Edwin M. Porter	2 3 5
Joliet Brandon Rd Dam	[illegible]	Will	1	41 30	88 06	543		7A	Corps of Engineers	3
Joliet WB Airport	[illegible]	Will	1	41 30	88 10	584	MID	MID	U S Weather Bureau	2 3 4 5 7
Kankakee	[illegible]	Kankakee	1	41 07	87 52	631	7P	7P	Kankakee Water Co.	2 3 5 7
Kankakee 4 NW	[illegible]	Kankakee	1	41 08	87 56	620	6P	6P	M. A. Durand	2 3 5
Kankakee Sewage Plant	[illegible]	Kankakee	1	41 [illegible]	87 53	64[illegible]		MID	Mun Sewage Trt Pl	3 4
Keithsburg	[illegible]	Mercer	4	41 06	90 57	540		8A	Alfred M. Norris	3
Kewanee	4710	Henry	1	41 14	89 55	853	6P	6P	Cassius C. Conger	2 3 5
Kewanee [illegible]	4715	Henry	1	41 15	89 54	800		MID	Bennett E. Rose	3 4
Kickapoo	[illegible]	Peoria	1	40 47	89 45			9A	Ben Hall	3
La Harpe 1 SW	[illegible]	Hancock	1	40 35	90 58	691	6P	6P	Kent Campbell	2 3 5 7
Lanark	[illegible]	Carroll	4	42 06	89 50	883		MID	William E. Aurand	3 4
La Salle	4922	La Salle	1	41 20	89 06	522	7P	3P	Westclox GTI Corp.	2 3 5
Lawn Ridge	[illegible]	Marshall	1	40 58	89 38	828		MID	Henry U. Lukehart	3 4
Lawrenceville	[illegible]	Lawrence	7	38 44	87 41	472		6P	Frank Bray	3
Le Roy	[illegible]	McLean	1	40 21	88 46	780		7P	O. J. Lere	3
Lincoln	[illegible]	Logan	1	40 09	89 22	591	7P	7P	John Zurkammer Jr	2 3 5 7
Lincoln No. 2	5084	Logan	1	40 09	89 21	600		7A	George L. Smith	3
Lockport Lock & Dam	5131	Will	1	41 34	88 05	585		MID	Corps of Engineers	3 4
Lockport Power House	5136	Will	1	41 34	88 06	585		MID	Chgo Sanitary Dist.	3 4
Louisville	5216	Clay	7	38 46	88 30	480		MID	Carl E. Farrell	3 4
Mackinaw	5272	Tazewell	1	40 32	89 21	646		6P	T L. Haensel	3
Macomb	5280	McDonough	1	40 28	90 40	702		6P	W. S. Newell	3
Marengo	5326	McHenry	6	42 15	88 36	819	6P	6P	Frank J. Mack	2 3 5 7
Marietta	5334	Fulton	1	40 30	90 24	546		MID	Joseph Ace McCance	3 4
Marion	5342	Williamson	4	37 44	88 55	448		5P	C. N. Danielson	3
Maroa	5364	Macon	1	40 02	88 57	725		MID	Nelson R. Smith	3 4
Marseilles Lock	5372	La Salle	1	41 20	88 45	486		7A	Corps of Engineers	3
Marshall	5380	Clark	7	39 23	87 42	606		6P	Anna F. Kannmacher	3
Mascoutah	5405	St. Clair	2	38 29	89 48	425		SS	Dr. Robt. F. Lischer	3
Mason City	5413	Mason	1	40 12	89 42	581		MID	Charles Flinspach	3 4
Mattoon	5430	Coles	7	39 28	88 21	718	MID	MID	Cen Ill Pub Serv Co	2 3 5
McHenry	5493	McHenry	1	42 21	88 16	750		MID	Fred C. Feltz	3 4
McHenry 2 S	5498	McHenry	1	42 19	88 15	742		6P	John J. Barnings	3
McLeansboro	5515	Hamilton	5	38 05	88 32	500	6P	6P	F. G. Frazier	2 3 5
Medora	5539	Macoupin	1	39 10	90 08	622		7P	M. F. Dodge	3
Minonk	5712	Woodford	1	40 54	89 02	751	7P	7P	City of Minonk	2 3 5
Moline WB Airport	5751	Rock Island	6	41 27	90 31	589	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Monmouth Airport	5768	Warren	4	40 55	90 38	770	6P	6P	Martin Airways Inc.	2 3 5 7
Monticello	5791	Piatt	1	40 02	88 34	659		4P	C B Wittig	3
Morris	5820	Grundy	1	41 21	88 26			7A	Roy Webb	3
Morris 3 NE	5825	Grundy	1	41 24	88 22	549	6P	6P	Donald M. Pyatt	2 3 5
Morrison	5833	Whiteside	6	41 49	89 58	670	7P	7P	Ralph H. Green	2 3 5
Morrisonville	5841	Christian	1	39 25	89 27	638		MID	Frank A. Lowis	3 4
Morrisonville 1 E	5846	Christian	1	49 25	89 26	638	7P	7P	John R Lowis	2 3 5 7
Mount Carmel	5888	Wabash	7	38 25	87 46	465	6P	7A	Frank D. Talley	2 3 5 7
Mount Carmel Water Wks.	5893	Wabash	7	38 25	87 45	424		MID	Mt Carmel Wtr Wks	3 4
Mount Carroll	5901	Carroll	4	42 05	89 58	817	7P	7P	James F. McCray	2 3 5
Mount Olive	5917	Macoupin	4	39 04	89 43	681		6P	Henry W. Johnson	3
Mount Pulaski	5927	Logan	1	40 00	89 17	687		5P	Alva Brown	3
Mount Sterling	5935	Brown	1	39 59	90 46	711		7P	F. E. Sahland	3
Mount Vernon 4 N	5943	Jefferson	4	38 22	88 55	590	6P	7A	Radio Station WMIX	2 3 5 7
Murphysboro Water Works	5983	Jackson	4	37 46	89 19	420		MID	Murphysboro Wtr Co	3 4
Nashville 3 NW	6011	Washington	2	38 23	89 25	505		6P	R. E. Schleifer	3
Newark 7 E	6069	Kendall	1	41 32	88 27	707		6P	Warren S. Gray	3
New Boston Dam 17	6080	Mercer	4	41 11	91 03	548		8A	Corps of Engineers	3
New Boston	6085	Mercer	4	41 10	91 00	571		7A	H D. Harris	3
New Burnside	6093	Johnson	5	37 35	88 46	560	7P	7P	Miss Mae McCabe	2 3 5
Newton	6159	Jasper	7	39 00	88 10	513	6P	6P	James W. Wells Jr.	2 3 4 5
Olney Radio Station	6446	Richland	7	38 42	88 04	472	5P	5P	Radio Station WVLN	2 3 5 7
Oregon	6490	Ogle	6	42 01	89 20	700		MID	Carnation Company	3 4
Oregon Water Works	6492	Ogle	6	42 01	89 20	702		8A	Alan Grant	3
Ottawa	6526	La Salle	1	41 22	88 50	474	7P	7P	John A. Beed	2 3 5 7
Palestine	6558	Crawford	7	39 00	87 37	514	7P	7P	H M. Gaddis	2 3 5
Pana	6579	Christian	2	39 23	89 05	696	7P	7P	C. E. Schumacher	2 3 5
Paris Sewage Plant	6605	Edgar	7	39 37	87 41	735		MID	City of Paris	3 4
Paris Water Works	6610	Edgar	7	39 38	87 42	739	7P	7P	City of Paris	2 3 5
Paw Paw	6661	Lee	1	41 41	88 59	928		5P	W A. Woods	3
Payson	6670	Adams	4	39 49	91 14	640		8P	Edith A. Robbins	3
Peoria Lock & Dam	6706	Peoria	1	40 37	89 39	445		MID	Corps of Engineers	3 4
Peoria WB Airport	6711	Peoria	1	40 40	89 41	654	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Peotone	6725	Will	1	41 20	87 48	722		2P	Miss Mina Cuti	3
Peru	6751	La Salle	1	41 20	89 08			7A	CLOSED	8-11-50
Petersburg	6760	Menard	1	40 01	89 51	524		4P	Frank B. Rainey	3
Piper City	6819	Ford	1	40 45	88 11	670		MID	Isaac B. Griffith	3 4
Pittsfield Water Works	6833	Pike	4	39 39	90 48	724		MID	Raymond T. Loyd	3 4
Pleasant Hill 2 E	6861	Pike	4	39 27	90 50	540		6P	Lou Galloway	3
Pontiac	6910	Livingston	1	40 53	88 37	647	6P	6P	Roger Williams	2 3 5 7
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		MID	Lewis Tebeau	3 4
Princeton 1 S	6996	Bureau	1	41 21	89 28	700		MID	Miles W Bryant	3 4
Princeville 2 NW	7004	Peoria	1	40 57	89 47	745		6P	Frank S. Stewart	3
Prophetstown	7014	Whiteside	6	41 40	89 56	625		MID	Ill Northern Ut Co	3 4
Quincy	7067	Adams	4	39 57	91 24	601	7P	7P	A. H. Gibson	2 3 5
Quincy CAA AP	7072	Adams	4	39 56	91 11	670	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Quincy Dam 21	7077	Adams	4	39 54	91 26	483		8A	Corps of Engineers	3 4
Quincy Memorial Bridge	7082	Adams	4	39 56	91 24			7A	Melvin Brinkoetter	3
Rantoul Chanute AF Base	7150	Champaign	7	40 18	88 09	744	MID	MID	U.S. Air Force	2 3 4 5 7
Red Bud	7157	Randolph	2	38 13	90 00	444		5P	Dr H. Le Saulnier	3
Richview	7244	Washington	2	38 22	89 11	544		MID	Mrs. Mabel F. Martin	3 4
Roberts 3 N	7336	Ford	7	40 40	88 11	786	7P	7P	R. E. Bradbury	2 3 5 7
Rochelle	7349	Ogle	6	41 55	89 04	798		3P	California Pkg Corp	3
Rockford	7375	Winnebago	6	42 15	89 05	720	6P	6P	F. W. Knowlton	2 3 5
Rockford CAA AP	7380	Winnebago	6	42 21	89 01	743	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Rock Island Dam 15	7388	Rock Island	4	41 31	90 34	568		8A	Corps of Engineers	3
Rockport	7400	Pike	4	39 32	91 00	470		6P	Harry Williams	3
Rushville	7551	Schuyler	1	40 07	90 34	683	6P	6P	Gain Bros. Greenhse	2 3 5
Ste Marie	7603	Jasper	7	38 56	88 01	448		7A	Judson E. Cameron	3
Salem	7636	Marion	2	38 37	88 57	544		5P	Frank G. Brown	3
Shawneetown New Town	7859	Gallatin	5	37 43	88 10	350		6A	Jake H. Stewart	3
Sidell	7952	Vermilion	7	39 55	87 49			7A	Gary Lane	3
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		MID	Chgo Sanitary Dist.	3 4
Sparta	8174	Randolph	4	38 08	89 42	538	6P	6P	Howe V Morgan	2 3 5 7
Springfield WB Airport	8179	Sangamon	1	39 50	89 40	587	MID	MID	U.S. Weather Bureau	2 3 4 5 6 7
Springfield WB City	8184	Sangamon	1	39 48	89 39	598	MID	MID	U.S. Weather Bureau	2 3 4 5
Stickney W S Treat Wks	8278	Cook	1	41 49	87 46	636		MID	Chgo Sanitary Dist.	3 4
Stockton	8293	Jo Daviess	4	42 21	90 00	1000	5P	5P	E. A. Curtiss	2 3 5 7
Streator	8353	La Salle	1	41 07	88 50	625		7P	H. W. Prafcke	3
Sullivan Water Works	8389	Moultrie	2	39 34	88 37	686		MID	A. B. Fultz	3 4
Sycamore	8452	De Kalb	6	41 59	88 41	840	8P	8P	Frank C. Dean	2 3 5 7
Table Grove	8460	Fulton	1	40 22	90 26	734	7P	7P	C. A. Hammond	2 3 5 7
Taylorville	8491	Christian	1	39 33	89 18	634		6P	John W. Coale	3
Tiskilwa	8604	Bureau	1	41 18	89 30	512		6P	Orville L. Weaver	3
Toulon	8630	Stark	1	41 06	89 52	752		5P	Ernest R. Robson	3
Tuscola	8684	Douglas	7	39 48	88 17	653	6P	6P	Perry Stackhouse	2 3 5 7
Urbana	8740	Champaign	7	40 08	88 13	743	7P	7P	State Water Survey	2 3 5
Urbana Exp. Farm	8745	Champaign	7	40 06	88 15			MID	U.S. Soil Cons Serv	3 4
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730		7A	State Water Survey	3 6
Utica Starved Rock Dam	8756	La Salle	1	41 19	88 59	464		7A	Corps of Engineers	3
Vandalia	8781	Fayette	2	38 58	89 07	503		9A	Ernest E. Bricker	3 4
Virden	8860	Macoupin	1	39 30	89 46	674	6P	6P	E. M. Watkins	2 3 5
Walnut	8916	Bureau	6	41 33	89 35	714	6P	6P	Carl F. Nelick	2 3 5
Warsaw	8976	Hancock	4	40 21	91 26	490		5P	Charles Ewing	3
Washington	8990	Tazewell	1	40 42	89 25	740		MID	Mrs. J. J. Longley	3 4
Waterloo	9002	Monroe	4	38 20	90 09	717		4P	E. H. Wolf	3
Waterman	9010	De Kalb	1	41 46	88 46	779		MID	Wm. Ray Clarke	3 4
Watseka	9021	Iroquois	1	40 46	87 44	634	7P	7P	Benjamin Jordan	2 3 5
Waukegan	9029	Lake	3	42 21	87 51	668	7P	7P	R. W. Flagg	2 3 5
Wayne City	9040	Wayne	7	38 21	98 35	385		7A	Paul F. Nichols	3
Wenona	9090	Marshall	1	41 03	89 03	700		MID	Leonard H. Foley	3 4
West Frankfort 8 E	9140	Franklin	4	37 54	88 48	480		MID	Ill State Wtr Surv	3 4
Wheaton College	9221	Du Page	1	41 52	88 06	753		6P	Wheaton College	2 3 5
White Hall 1 E	9241	Greene	1	39 26	90 23	578	5P	5P	Oscar Watt	2 3 5 7
Wilcox	9274	Clay	7	38 38	88 18			7A	E. Lowell Routt	3
Windsor	9354	Shelby	2	39 26	88 36	685	6P	6P	Mrs. Herbert Rose	2 3 5

‡ Drainage Code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4 Mississippi 5. Ohio 6. Rock 7. Wabash

NEW STATIONS

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables
Rockford 4 NE	7377	Winnebago	6	42 17	88 59	850		7A	Mrs. D. S. Cummings	3 6
ø La Salle 1 S	4923	La Salle	1	41 19	89 06			7A	Arthur J. Fischer	3

ø Gage moved from Peru. La Salle 1 S record will be a continuation of Peru record.

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

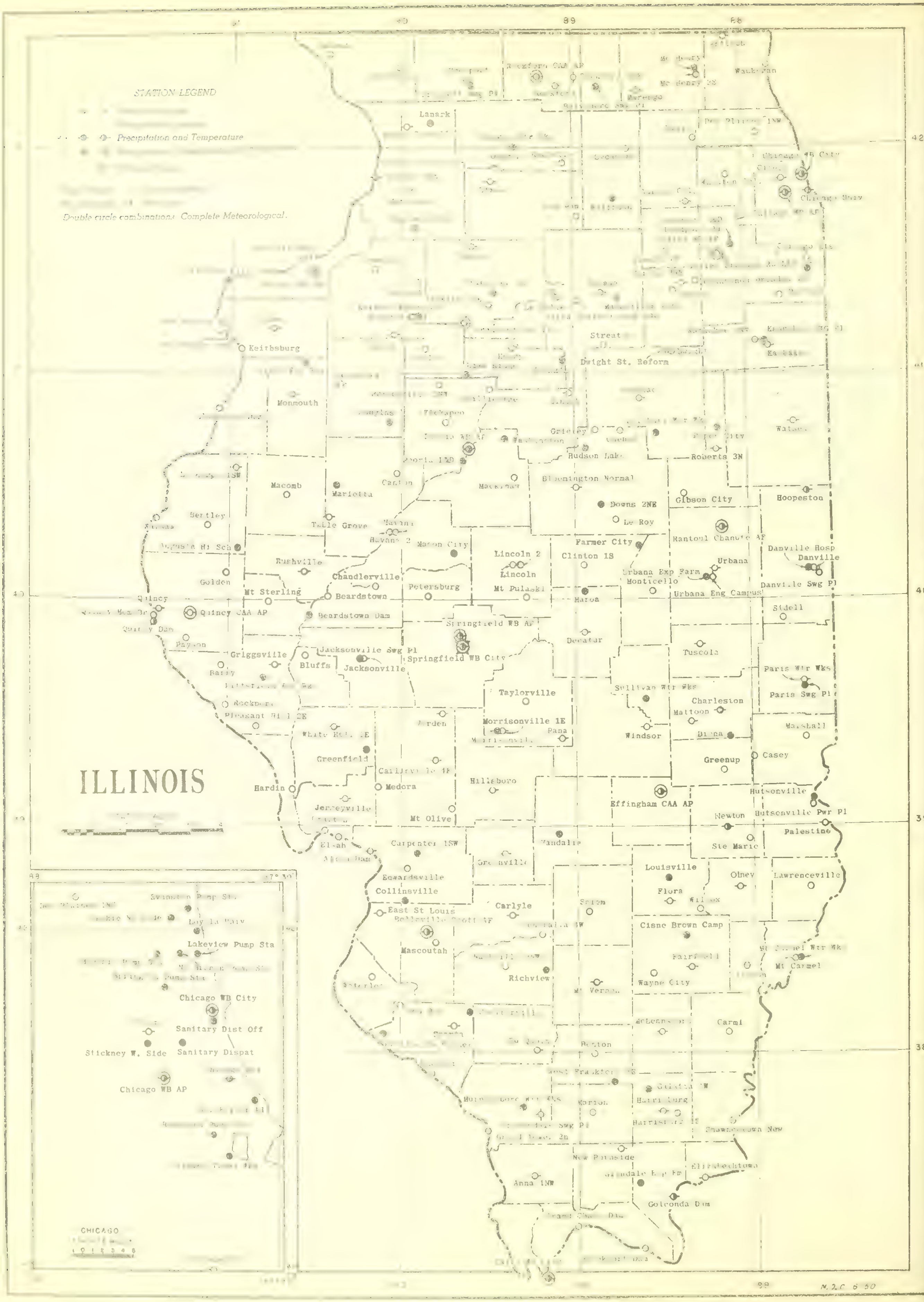
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

-	No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo. -- 11-9-50 -- 1160



STATION LEGEND
Precipitation and Temperature
Double circle combinations Complete Meteorological.
ILLINOIS
Lanark
Keithsburg
Monmouth
Streator
Dwight St. Reform
Hudson Lake
Roberts 3N
Bloomington Normal
Macomb
Marietta
Canton
Gibson City
Hoopeston
Downs 2NE
Le Roy
Bertley
Table Grove
Havana 2
Mason City
Farmer City
Rantoul Chanute AF
Clinton 1S
Lincoln 2
Lincoln
Danville Hosp
Danville
Urbana
Urbana Exp Farm
Monticello
Urbana Eng Campus
Danville Swg Pl
Rushville
Chandlerville
Golden
Mt Sterling
Beardstown
Petersburg
Mt Pulaski
Maroa
Quincy
Quincy CAA AP
Beardstown Dam
Springfield WB AP
Sidell
Payson
Decatur
Tuscola
Griggsville
Jacksonville Swg Pl
Bluffs
Jacksonville
Springfield WB City
Paris Wtr Wks
Paris Swg Pl
Sullivan Wtr Wks
Taylorville
Charleston
Mattoon
Pleasant Hill 2E
Arden
Morrisonville 1E
Pana
Windsor
Marshall
Greenfield
Casey
Greenup
ILLINOIS
Hardin
Medora
Hillsboro
Effingham CAA AP
Hutsonville
Jerseyville
Mt Olive
Newton
Hutsonville Pwr Pl
Palestine
Carpenter 1SW
Vandalia
Ste Marie
Edwardsville
Louisville
Collinsville
Olney
Lawrenceville
Flora
Carlyle
East St Louis
Cisne Brown Camp
Mascoutah
Mt Carmel Wtr Wk
Mt Carmel
Richview
Wayne City
Carmi
Benton
Marion
Shawneetown New
New Burnside
Anna 1NW
Golconda Dam
Elizabethtown
Evanston Pump Sta
Lakeview Pump Sta
Chicago WB City
Sanitary Dist Off
Stickney W. Side
Sanitary Dispat
Chicago WB AP
CHICAGO
42
41
40
39
38
89
88
N.2.C 6 50

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ILLINOIS

OCTOBER 1950
Volume LV No. 10



KANSAS CITY: 1950

ILLINOIS - OCTOBER, 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

October was quite warm, sunny, and dry, and the first month since June to average above normal in temperature. Since 1890 only four Octobers have exceeded this month's average of 60.7°, which is 4.8° above normal. Cairo had the highest mean temperature, 66.2°, and Freeport was coolest with 55.1°. Rainfall over the State averaged only 1.30 inches, less than half of the October normal. Much of Illinois received less than an inch of rain, and only a few Chicago area stations reported over 3 inches of rainfall during the month. Precipitation totals ranged from 3.43 inches at Loyola University, Chicago, to only 0.04 inch at Alexis in Warren County.

Temperatures reached the 80's on the 1st, and in most areas on the 2d, but colder air began moving into the State on the 2d, dropping temperatures to the upper 30's in the northwestern quarter on the morning of the 3d. Showers accompanied the cold front passage, the more substantial precipitation occurring in central areas. Cool conditions persisted through the 5th, many stations registering their lowest readings of the month on the 4th or 5th, when freezing or near-freezing temperatures were common.

By the 6th, temperatures again had risen above normal, but the next 2 or 3 days were cooler as rain covered the State on the 7th and 8th. Most of Illinois received its heaviest rainfall of October on those dates, and for many northern areas it was the only precipitation of consequence during the month.

Warmer weather appeared after the 9th, and daily temperatures remained above seasonal levels, with few exceptions, for the rest of October. From the 16th through the 19th maxima usually were well up in the 80's, and most stations recorded their highest temperatures of the month in this period. A maximum of 92° was registered at Alton on the 17th for the highest temperature reported during October.

Cooler air moved into Illinois on the 19th, but temperatures still remained above normal until the 23d. Freezing temperatures were common in the northern and central portions on the morning of the 25th. On that date Freeport's minimum was 26°, the lowest temperature of the month. Most of the southern third of the State received substantial rainfall between the 21st and 23d, over 2 inches of rain occurring at a few localities.

The last several days of October were unseasonably warm, as temperatures rose rapidly after the 25th. Maxima generally reached the middle or upper 80's on the 30th and 31st to set new records for so late in autumn. Some central and southern stations also recorded their highest readings of the month on the 30th. Showers covered most of northern and central Illinois on the 26th-27th, but precipitation amounts were light on the whole. A barn was destroyed by lightning near Lostant, in LaSalle County, on the 26th.

October's weather was favorable for harvesting operations. Good drying conditions allowed corn picking to become general in the latter part of the month. Soybean combining proceeded rapidly and, despite a late start, was nearly completed at the end of October. Winter wheat seeding was practically completed, and the crop was showing good stands and growth. Fall plowing, however, was hampered by dry soil conditions in many areas. Frosts caused some crop damage early in the month, mainly in the northernmost counties, but crops were out of danger when killing frosts hit much of the State on the 25th. --GRJ

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ACKNOWLEDGMENTS

[illegible] climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	01–09	10–49	50–99	1.00–1.99	2.00 and over	Total			
Cairo WB City	-	-	7.6	26	NW	8	-	-	-	-	1	2	2	0	1	0	6	78	4.6	
Chicago WB Airport	S	16	8.6	35	N	12	75	81	51	63	5	2	2	1	0	0	10	70	4.9	See Table 2
Joliet WB Airport	S	21	8.7	-	-	-	85	90	55	72	3	1	1	1	0	0	6	-	5.0	
Moline WB Airport	S	15	8.4	31	SE	26	74	84	48	58	2	3	1	0	0	0	6	72	4.2	
Peoria WB Airport	S	17	9.8	35	W	11	75	85	52	59	3	0	3	0	0	0	6	68	5.0	
Springfield WB Airport	SSE	11	11.0	31	NW	11	76	86	49	58	3	2	1	1	0	0	7	71	4.5	

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	53.0	94	22	2.83	T	[illegible]	1912	56.5	91	22	3.27	T	7	1934	58.5	89	23	1.66	T	4
1891	53.0	95	21	1.30	[illegible]	5	1913	53.7	91	17	3.74	0.9	10	1935	56.2	93	23	2.06	T	9
1892	55.3	93	16	1.17	0	5	1914	58.1	88	18	3.09	T	7	1936	55.4	88	16	3.23	T	9
1893	54.6	[illegible]	15	1.64	0	4	1915	57.0	86	20	0.84	T	4	1937	53.1	92	17	3.52	T	[illegible]
1894	55.1	92	22	1.46	T	7	1916	55.3	93	23	2.91	0.7	8	1938	60.3	96	24	1.36	T	3
1895	48.8	[illegible]	[illegible]	0.62	T	3	1917	46.9	89	15	2.93	0.8	9	1939	58.0	96	22	2.16	T	7
1896	51.4	[illegible]	16	1.29	T	4	1918	58.3	90	28	3.14	T	[illegible]	1940	60.2	94	26	2.15	[illegible]	6
1897	60.9	98	20	0.46	0	3	1919	58.5	95	21	6.83	0	13	1941	59.2	97	21	9.14	T	16
1898	52.4	90	14	4.06	1.0	11	1920	60.8	90	19	2.06	0.1	7	1942	56.2	[illegible]	15	1.91	T	7
1899	59.6	94	13	3.33	T	7	1921	55.9	86	27	2.39	T	7	1943	55.1	[illegible]	21	2.08	T	7
1900	62.0	93	23	2.48	0	6	1922	58.7	96	22	2.27	0.0	6	1944	56.1	94	21	1.21	T	3
1901	56.7	92	21	2.14	[illegible]	6	1923	52.0	86	18	3.73	0.2	7	1945	53.9	84	24	1.66	T	[illegible]
1902	57.3	93	23	2.15	0	6	1924	60.3	92	21	1.02	0	4	1946	59.7	93	26	3.18	T	[illegible]
1903	55.1	91	16	2.49	T	5	1925	46.6	90	1	3.94	2.3	14	1947	63.6	92	28	3.13	0	7
1904	55.1	88	21	0.70	T	4	1926	54.9	92	20	3.79	T	10	1948	53.3	85	16	1.93	0	7
1905	54.1	96	16	4.25	T	8	1927	59.2	92	26	3.82	T	7	1949	58.8	91	21	5.17	T	8
1906	54.3	[illegible]	16	1.65	T	5	1928	58.2	95	17	4.35	0	10	1950	60.7	92	26	1.30	T	4
1907	53.1	89	17	1.67	T	5	1929	54.4	85	26	3.45	1.9	11							
1908	55.1	91	15	0.47	T	3	1930	53.7	90	16	2.20	T	6							
1909	51.7	94	13	2.58	T	6	1931	59.8	91	28	3.67	T	11							
1910	58.2	97	10	3.37	0.1	5	1932	54.6	86	21	3.83	T	7	PERIOD	56.0			2.65	0.1	
1911	54.3	92	19	2.89	T	10	1933	54.1	88	20	2.80	T	9							

CLIMATOLOGICAL DATA

Table 2

Station	Temperature							No. of days		Precipitation				Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	.01 or more	25 or more	1.00 or more
NORTHERN DIVISION																			
Aledo	60.8	6.7	88	17+	31	25	172	0	1	.60	-1.93	.55	7	0	0		2	1	0
Antioch	56.8	5.1	83	18	33	5+	270	0	0	.65	-2.07	.47	7	0	0		2	1	0
Aurora College	57.0	5.1	86	18	28	25	269	0	2	1.32	-1.55	.60	8	0	0		7	2	0
Chicago Heights	57.4		86	17	28	25	264	0	3	1.82	- .88	1.39	7	0	[illegible]		8	1	1
Chicago University	59.6	5.6	85	17	40	4+	206	0	[illegible]	1.26	-1.27	.94	7				4	1	0
Chicago WB Airport	59.0	6.5	87	18	33	25	225	0	0	1.29	-1.27	.97	7	0	0		5	1	0
Chicago WB City	60.7	5.6	85	17+	42	4+	186	0	0	1.42	-1.14	.86	7				4	2	0
Cicero	59.7	5.6	88	17	34	5	202	0	0	1.24	-1.37	.88	7	0	0		4	1	0
Dixon	57.3	4.8	86	17+	27	25	258	0	3	.93	-1.93	.52	7	0	0		5	2	0
Freeport	55.1	3.8	84	18	26	25	311	0	3	.58	-2.13	.28	7	0	0		3	1	0
Fulton Dam 13	58.5	5.5	84	17+	33	5	222	0	0	.27	-2.32	.22	7	0	0		3	0	0
Galesburg	60.2		87	17	30	25	182	0	1	.49	-2.12	.36	7	0	0		2	1	0
Galva	59.5	5.5	87	17+	32	4+	198	0	2	.74	-1.85	.52	7	0	0		3	1	0
Henry	60.9	6.5	90	17	32	5+	175	1	2	1.65	- .90	.97	26	T	0		3	2	[illegible]
Joliet WB Airport	56.9	5.3	86	17	29	25	266	0	3	.93	-1.89	.81	7	0	0		3	1	0
Kankakee	58.7	4.5	84	17+	33	5	220	[illegible]	0	1.18	-1.55	1.05	7	0	0		3	1	1
Kankakee 4 W	57.7		86	17	30	5	249	0	2	1.31	-1.39	1.02	7	0	0		5	1	1
Kewanee	58.5	5.2	86	17+	30	5	231	0	1	2.22	- .40	1.30	26	T	0		3	3	1
La Salle	59.3	4.6	87	17	31	5	208	0	2	.90	-1.60	.56	8	0	0		6	2	0
Marengo	56.6	5.1	88	17	27	25	278	0	4	.72	-2.05	.49	7	[illegible]	0		3	1	0

See reference notes following Station Index.

Table 2—Continued

Station	Temperature							No. of days		Precipitation							No. of days		
														Snow, Sleet, Hail					
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or more
Minonk	59.7	5.4	87	17	29	5	199	0	2	1.30	-1.27	.66	26	0	0		4	2	0
Moline WB Airport //	59.2	7.2	86	17+	31	25	222	0	1	.61	-1.78	.48	7	T	0		4	1	0
Monmouth Airport	59.3	4.9	87	17	28	25	211	0	2	.75	-1.92	.75	7	0	0		1	1	0
Morris 3 NE	58.4	4.8	86	17+	28	25	230	0	2	.91	-1.73	.72	7	0	0		3	1	0
Morrison	58.7	5.4	87	17+	30	25	221	0	1	.72	-1.91	.46	7	0	0		4	1	0
Mount Carroll	56.9	5.4	85	18	27	25	265	0	3	.67	-2.00	.48	7	0	0		4	1	0
Ottawa	60.2	6.1	89	17	32	25	186	0	1	.97	-1.58	.65	8	0	0		4	2	0
Pontiac	58.9	3.3	85	30	32	25	214	0	1	1.75	- .90	.74	7	0	0		5	2	0
Rockford	57.8	5.5	87	17	32	4+	243	0	2	.69	-2.15	.56	7	0	0		2	1	0
Rockford CAA AP	56.0	6.0	85	17+	27	25	291	0	3	.65	-2.16	.45	7	0	0		3	1	0
Stockton	56.3		84	17+	31	4	286	0	3	.45	-2.13	.27	7	0	0		3	1	0
Sycamore	56.5	4.8	87	17	27	25	281	0	3	.88	-2.14	.47	8	0	0		3	2	0
Walnut	58.0	5.5	87	18	29	25	224	0	1	.93	-1.81	.53	7	0	0		2	2	0
Waukegan	57.4	5.5	86	16	32	5+	258	0	2	.42	-2.30	.19	7	0	0		4	0	0
Wheaton College	58.0M		85	17+	30	25	242	0	1	2.02	- .78	.86	8	T	0		5	3	0
DIVISION	58.4	5.1								1.01	-1.40			T					
CENTRAL DIVISION																			
Bloomington Normal	61.6M	6.4	86	30	33	25	170	0	0	1.60	-1.21	.75	7	0	0		4	3	0
Carlinville 4 E	60.7	3.6	87	30	28	5	175	0	2	2.12	-1.09	1.45	3	0	0		3	2	1
Charleston	61.1	4.7	88	17	33	5	166	0	0	1.68	-1.56	.46	8	0	0		6	3	0
Danville	59.8	6.2	87	17	31	5	190	0	1	2.44	- .45	.67	9	0	0		8	4	0
Decatur	61.1	4.9	89	17	32	25	174	0	1	2.37	- .78	1.33	7	0	0		5	3	1
Effingham CAA AP //	60.1	4.7	87	17	32	25	185	0	1	1.33	-1.95	.56	7	0	0		3	3	0
Griggsville	62.5	5.4	90	30	31	3	144	1	2	.74	-2.22	.50	7	0	0		3	1	0
Havana	60.7	5.1	87	17+	30	5	174	0	2	.76	-1.79	.34	8	0	0		4	2	0
Hillsboro	61.2	3.7	87	17+	32	5+	166	0	2	2.96	- .26	1.92	3	0	0		4	2	1
Hoopeston	58.8	4.2	86	17	30	25	212	0	2	2.01	- .95	.72	9	0	0		5	4	0
Jacksonville	61.3	5.1	90	30	29	25	167	1	2	.99	-1.97	.45	8	0	0		3	3	0
Jerseyville	63.8	6.9	88	17	35	3	111	0	0	1.26	-2.00	.66	3	0	0		3	2	0
La Harpe 1 SE	61.1	6.0	88	17+	30	5	176	0	2	.49	-2.04	.41	7	0	0		3	1	0
Lincoln	59.9	4.5	87	17+	30	25	200	0	1	1.32	-1.52	.68	7	0	0		5	3	0
Mattoon	60.0		85	17+	32	25	187	0	1	1.48	-1.62	.60	7	0	0		5	2	0
Morrisonville 1 E	60.9	4.8	87	30	30	25	174	0	1	2.95	.09	1.90	7	0	0		2	2	2
Newton	59.7	3.3	88	17+	30	5+	180	0	2	1.11	-2.11	.54	8	0	0		5	1	0
Palestine	61.4	3.8	89	17	31	5	150	0	1	.66	-2.54	.25	7	0	0		4	1	0
Pana	61.9	5.0	88	17+	33	5	156	0	0	2.48	- .59	1.31	7	0	0		3	2	2
Paris Water Works	59.8	3.8	87	17	31	25	189	0	1	1.42	-1.60	.53	9	0	0		4	3	0
Peoria WB Airport	60.1	6.6	86	17+	33	5+	191	0		.61	-1.68	.30	26	T	0		3	1	0
Quincy	62.6	5.9	90	30	34	25	148	1	0	.47	-1.97	.30	7	0	0		3	1	0
Quincy CAA AP	61.6		90	30	33	4	163	1	0	.17	-2.27	.14	7	0	0		3	0	0
Rantoul Chanute AF Base //	60.5		87	17	36	25	176	0	0	2.85	.08	.93	3	0	0		6	4	0
Roberts 3 N	58.8M	4.4	88	17	30	25	219	0	1										
Rushville	62.5	6.3	91	17	34	5	146	2	0	.58	-1.70	.34	7	0	0		3	1	0
Springfield WB Airport //	61.0	7.4	89	30	32	25	181	0	1	.97	-1.56	.64	7	0	0		4	1	0
Springfield WB City	63.1	7.3	89	30	40	4+	133	0	0	.76	-1.77	.47	7	0	0		4	1	0
Table Grove	61.8	5.8	89	17+	34	4	157	0	0	.77	-1.71	.34	8	0	0		3	2	0
Tuscola	60.3		86	17+	30	25	172	0	2	2.38	- .71	.95	3	0	0		5	3	0
Urbana	60.3	5.4	87	17	34	5	179	0	0	2.29	- .53	.82	7	0	0		6	4	0
Virden	61.4		87	30	31	25	162	0	1	1.19	-1.84	.59	3	0	0		3	2	0
Watseka	58.3		84	30	30	5	228	0	1	1.97	- .82	.72	7	0	0		6	3	0
White Hall 1 E	62.9M	6.2	88	30	31	25	120	0	2	.98	-2.29	.62	3	0	0		3	2	0
Windsor	59.9	3.7	86	17	33	5+	189	0	0	1.37	-1.62	.58	7	0	0		3	3	0
DIVISION	60.9	4.7								1.46	-1.21			T					
SOUTHERN DIVISION																			
Alton Dam 26	62.7M		92	17	36	5	130	2	0	1.13	-2.04	.56	8	0	0		5	2	0
Anna 3S	64.2	4.0	87	17	35	5	89	0	0	1.84	-1.73	1.28	22	0	0		2	2	1
Belleville Scott AF Base//	62.9		88	30	34	5	127	0	0	.84	-2.18	.76	7	0	0		3	1	0
Cairo WB City	66.2	5.7	84	29+	42	5	59	0	0	2.06	- .70	1.47	22	0	0		5	2	1
Carbondale Sewage Plant	64.1	4.8	89	16	32	5	93	0	1	1.10	-2.37	.56	7	0	0		4	2	0
Carlyle			88	16+				0		1.04	-2.32	.84	7	0	0		5	1	0
Du Quoin	64.3	5.2	88	17	36	5	95	0	0	1.19	-1.81	.67	8	0	0		4	2	0
East Saint Louis	64.1	4.5	90	30+	35	5	108	2	0	.85	-2.12	.73	7	0	0		3	1	0
Elizabethtown	64.4		88	16	35	5	88	0	0	2.24	-1.05	1.61	22	0	0		4	3	1
Fairfield										.47	-2.70	.47	22	0	0		1	1	0
Flora	60.6M	3.0			33	4	165		0	.92	-2.34	.38	8	0	0		7	2	0
Golconda Dam 51	63.7	4.6	88	17	40	5		0	0	1.89	-1.41	1.20	22	0	0		4	3	1
Greenville	62.3	4.5	86	30	36	5	135	0	0	1.34	-1.96	.90	7	0	0		3	2	0
Harrisburg	63.9	3.8	89	16	34	5	106	0	0	2.21	-1.18	1.93	22	0	0		2	2	1
McLeansboro	64.2	5.1	88	17+	35	5	101	0	0	1.26	-1.75	.72	22	0	0		2	2	0
Mount Carmel	63.8	4.6	87	17	35	5	93	0	0	1.28	-2.22	.98	23	0	0		3	1	0
Mount Vernon 4 N	63.1	4.7	87	17	36	5	123	0	0	1.23	-2.09	.74	22	0	0		3	2	0
New Burnside	62.7	3.2	86	30	33	5	125	0	0	2.58	- .92	2.21	22	0	0		4	2	1
Olney Radio Station	60.4	3.1			35	5+	160		0					0	0				
Sparta	64.8	5.4	90	17	35	5	89	1	0	1.10	-2.36	.83	7	0	0		4	1	0
DIVISION	63.5	4.5								1.40	-1.63			0					
STATE	60.7	4.8								1.30	-1.37			T					

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

ILLINOIS
OCTOBER 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion							.37	.22														.63										1.22
Aledo		T					.55	.05																								.60
Alexis Water Works	M							.04																								.04
Alton Dam 26			46				.05	.56	04																	T	.02					1.13
Anna 1 NW								.56														.28										1.84
Annawan			T				.54	.40	T														I	I							.94
Antioch		T					.47	18																			T					.65
Augusta	R						.70																									.70
Aurora College		.10					.22	.60	.02		.02															04	02					1.32
Barry		T	T	.15				.28	.14																							-
Beardstown							.20	.16	.13																							.49
Beardstown Lgrng 4	R		.13	.02			.39	19																								.64
Belleville Scott AF			T	05			76	.03														T	1									.84
Belleville Scott AF	R			.05			*	.79																								.84
Belvidere Sewage Pl	R						.39	44																								.83
Bentley			T				.20	.04	T																							.24
Benton				.03			.06	.35														20										.64
Bloomington				25			.20	.55	.05																	.04	.21					1.30
Bloomington Normal				.31			.75	.17																		37						1.60
Bluffs			.02	.19			.10	.16																								.47
Bradford CAA AP	O						.46	.74			I												T			.56	T					1.76
Brookport Dam 52					.21			.22	.02													9b	5a									1.99
Cairo WB City	R			.08			.40	.01													.10	1 47					T					2.06
Canton		T	T			T	.40	.12																		T	.08					.60
Carbondale Sewage							.56	.01													.40		13									1.10
Carlinville 4 E			1.45				.58	.09																		T						2.12
Carlyle			.06				.84	.02	.10													2										1.04
Carmi								.30														1 65										1.95
Carpenter 1 SW	R		.53	.14			.68																			.05						1.40
Casey				.12				.67																								.79
Centralia 4 W							.51	.35														.29										1.15
Chandlerville							.35	46	T																		T					.81
Channahon Dresden				.05				T	.88	.01																	T					.94
Charleston				.27				.24	.46	.21																.37	.13					1.68
Chenoa			.13					.86	.06		T															.22						1 27
Chester									.70	.09												T	22									1.01
Chicago Cal T Wks	R		.10				1.05	.03																		.01	.10					1.29
Chicago Heights			T	.15			1.39	.11	.06		.01		.01									03					.06					1.82
Chicago Lakeview P S	R		.26				.76	1.97																		.06	.03					3.08
Chicago Loyola Univ	R		.21				1.03	2.13																		.01	.04					3.43
Chicago Mayfair P S	R		.14				1.10	1.78																		.01	.05					3.08
Chicago N Bra.P.S.	M		.23				.93	1.96																		.03	.04					3.19
Chicago Roseland P.S.	R		.21				1.04	.03																		.01	.09					1.38
Chicago San. Dist.D.	R		.10				.92	.17																			.02					1.21
Chicago San. Dist.O.	R		.13				.65	.31																			.01					1.10
Chicago S Filter P	R		.17				1.06	.15																			.10					1.48
Chicago Springfld	R		.24				1.14	.51																		.04	.04					1.97
Chicago Univ.			.08					.94	.20		T		I														.04					1.26
Chicago Univ.	R		.08					.94	.20																		.04					1.26
Chicago WB AP	R		.11	T				.97	.11	T	T		I										T			.08	.02					1.29
Chicago WB City	R		.15	T		T		.86	.40	T	T	T														T	01					1.42
Chillicothe			T	T				.24	.53		01																30	.02				1.10
Cicero			04	.09		T		.88	.23	T	T		T													T	T					1.24
Cisne Brown Camp								.39														89										.89
Clinton 1 S				.98				.85	T																	.58	T					2.16
Collinsville	R			.10				.90																								1.00
Coulterville								.78	.03		0															27						1.08
Danville				.49				.34	.66	.67	.02															24	.01		.01			2.44
Danville Hosp.	R		.06	.39				.30	.78	.42																						1.95
Danville Sewage Pl				.50					.36	1.69																	21	T				2.76
Decatur			.05	.60				1.23	.03	T																36	T					2 37
Des Plaines 1 NW				.08				.67	1.21	T																	T					1.96
Diona	R			.14				.45	.97																							1.56
Dixon			T					.52	.33	.03		02														.03						93
Douglas	R		.04					.31	.37																	15						87
Downs 3 NE	R		30					.78	06																	20						1.34
Du Quoin				.03				.40	.67																							1 15
Dwight				.03				.96	.53																	27	03					1.89
Dwight State Rel	R		.02					.87	.38																	25						1 52
East St. Louis				.10				.73	.02																							85
Edwardsville				.71				.41	32	13																				T		.37
Effingham CAA AP				.39				.56	.38	T												I					T					1 1
Effingham CAA AP	R //		.01	.42				.55	.40																							1
Elgin			.05					28	45	01		T	T													T	T					1 11
Elizabeth [illegible]				.03					31													1 44	.29									1 28
Elsah				.35				.55	.04																							.94
Evanston [illegible] Sta	R		.17					.73	1.17						01												.08					2.16
Fairbury [illegible] Wks	R		29					77	08																	20						1.34
Fairfield																						1										.47
Farmer City	R		.28	.56				1.05	.05																	.25						2 19
Flora			01	.02	.02			.07	38	.07												3										.92
Freeport			10					28	20			T																				.58
Freeport Sew Plant		T		.03				.30	32														T									.65
Freeport Sew Plant	R		.03					.50	12																							.65
Fulton Dam 13				.03				.22	.02	T		T																				.27
Fulton Dam 13			.03					.38	.03																							.44
Gallatia 1 W	R							.41														1.47										1.88
Galena			.02						41			T										I				T						.43
Galesburg								.36	.13																		I					.49
Galva			.06					.52	16																							.74
Geneseo			T					.70	16			T																				.90
Gibson City				.85				.85	90																							2.94
Gladstone Dam 18				.02				.30	08	04																						.47
Glendale Exp Farm								.31	06													2 28										2 07
Glendale Exp Farm	S							.31	.06													3 24										3 61
Golconda Dam 51					.05				39													1.20										1 59
Golconda Dam 51	A			02				.37														1 [illegible]										1 [illegible]
Golden			05					.21	90																							.96
Grafton				.35				1	53	10																						.98
Grand Tower 2 N									.72	.05												52										1 30
Greenfield	R		79	08				.46	10																							1 43
Greenup				.16					1 43													01										
Greenville				.42				.90	02																	I						1 34
Gridley			08	01				.62	20	03																11						1 16
Griggsville			.10					.50	.14																							74
Hardin				.86				.45	.04																							1 36
Harrisburg									.28													1 93										2 21
Harrisburg Disp Pl					.03				.58														[illegible]									2.19
Havana			T					.38	.34	.02					T											1						76
Havana No. 2								.13	.14	.36						T										..	..					78
Henry								.20	.48																	97						1 65
Hillsboro				1 42				.98	.04																	.92						2 36
Hoopeston				.51				.30	38	.72																29	T					2.01
Hoopeston	R		.03	12				32	.48	.40																39						1 84
Hud Lk Bloomington	R		.04					.76	.04																	30						1 14

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
[illegible]								.55	.08	.17																							.60
[illegible]				.02	.01				.08	.45																							.86
[illegible]				.04				.17	.09																								.30
[illegible]	R		.04					.21	.05																								.30
[illegible]				.25				.29	.45																								.99
Jacksonville S Pl	R		.06	.14				.30	.35																								.85
[illegible]				.06				.52	.08																								1.26
[illegible]				.17				1.65	.05				.02																				1.89
[illegible]			.02					.81	.10			T														T	T						.93
[illegible]				.09				1.05	T																		.04	T					1.18
[illegible]				.15				1.02	.04			T															.04	.06					1.31
[illegible]			.06					1.28																									1.34
[illegible]								.32	.06	T																	T	T					.38
[illegible]			T	T				.40	.52																		1.30						2.22
[illegible]	R							.41	.12																		.34						.87
[illegible]			.03					.41	.03							T											T	T					.49
[illegible]			.14					.29																									.43
[illegible]			T	.03				.25	.56	.02		T		T										T			.03	.01					.90
[illegible]								.08	.28	.49																	.03	.02					.88
[illegible]									.23														.54				T						.77
[illegible]				.21				.72	.07																		.19						1.19
[illegible]			.05	.31	T			.68	.04	T																	.04						1.32
[illegible]				.49				.25	.48	.03																	.03						1.25
[illegible]	E		.09					1.08	.07																								1.24
[illegible]	E						.01	1.13	.12	.01																							-
[illegible]	S			.18				.49	.26	.03														.20									1.16
[illegible]								.42	.26																			.04					.83
[illegible]				.09				.24	.06																		T	T					.39
[illegible]								.49	.20																								.72
[illegible]	E							.22	.33																								.55
[illegible]									.04	.53													1.13										1.72
Maroa	R	.08	.12					.65																									1.46
[illegible]				.07				.24	.48	.35			T															.08					1.18
[illegible]								.41		.90																	T	.02					1.33
[illegible]				.06				.86	.02			T									T	T			T			T				.90
[illegible]			.05					.31																			.02						.38
[illegible]				.47				.90	.21	.10																		.10					1.48
Mc Henry	R								-																								-
Mc Henry 2 S				T				42	.22														.72										.64
Mc Leansboro				T					.54																								1.26
Mc Leansboro		.50	.80					.55	.72																		.07						2.04
Milnor								.43	.19	T																	.66	.02					1.30
Moline WB AP	R //		.04					.48	.02														.72	T			.07						.61
Monmouth Airport			T					.75	T																		T						.75
Monticello				.23				1.73																			.40						2.36
Morris				.05				T	.86	T																							91
Morris 3 NE			T	.06				.72	.13			T																T					.91
Morrison			.02					.46	.16			T				T								T			.08						.72
Morrisonville	R		.61	.36				.92																									1.89
Mount Carmel 1 E				1.05				1.90	T																								2.95
Mt. Carmel									.19	.11														.98									1.28
Mt. Carmel Water Wks	R								.05	.05													.85										.95
Mount Carroll			.06					.38	.12															.01			T						.67
Mount Olive				1.22				.75	.19						-		-	-	-	-	-						.05						-
Mount Pulaski				.71				.74	T																		T	T					1.45
Mount Sterling			T					.26	.10																								.36
Mount Vernon 4 N								.20	.29														.74	T	T								1.23
Murphysboro Wtr Wks	R			.01	.01			.62															.44										1.08
Nashville 3 NW									.88													.30											1.18
Newark 7 E			f					.50	.45			T																T					.95
New Boston Dam 17				.07				.22	.05	T																							.34
New Boston			.04					.42	.04																		T						.50
New Burnside				T					.31	.05													2.21	.01				T					2.58
Newton				.15				.03	.54	.24													.15	T			T	T					1.11
Newton	R			.13				.45	.21	.12													.13										1.04
Olney Radio sta				T					.30	.06													.32										-
Oregon	R							.57	.53																								1.10
Oregon Water Wks				.01				.34	.40	.33																							1.07
Ottawa			T					.29	.65																		.01	.02					.97
Palestine				.03				.25	T	.16													.22										.66
Paris				.14				1.31	.03																		T	T					2.48
Paris Sew Plant	R								.38	.18	.28																.07						1.31
Paris Water Wks				.19				.27	.43	.53																							1.42
Paw Paw			.10					.70	.25				T													.07							1.12
Payson			.02					.12	.09																								.23
Peoria			.05					.53	.04																		.13						.45
Peoria WB AP								.20	.11																		.30	T					.61
Peotone				.06				1.23	.08				I															.03					1.42
Petersburg			.14	.36				.58	T																								.78
Piper City	R		.06	.10				.93	.43																		.19						1.71
Pittsfield	R		.31	.02				.15	.06																								.84
Pleasant Hill 2			.10	.61				.02	.05																								1.11
Pontiac			.01	.03				.04	.72	T		T															.24	.02					1.75
Prairie [illegible]				.03				.59															.20										.82
Prairie [illegible]								.17	.28																		.05						.60
Princeville 2 NW				.03				.08	.20																		.57						.96
[illegible]								.95	.15																		.05						1.15
Quincy			.09					.70	.08																								.47
Quincy [illegible]			.01					.14	.02															T									.17
Quincy [illegible]				.05				.12	.11	.03																							.31
Quincy [illegible]								.21	.02																								.25
Quincy Memorial Br				.05				.14	.12	.08																							.39
[illegible]			.17	.93				.83	.42	.08																	.36	T					2.85
[illegible]				1.10				.02	.39	.19																	.22						2.68
Red Bud				.15				.97	.04														.18										1.24
[illegible]								.81	.04														.30										1.15
[illegible]						-		1.10	.20																		.18	T					-
[illegible]			f					.15	1.14																								1.29
[illegible]								.56	.13		T																						.69
[illegible]								.37	.40	.08																							.85
Rockford CAA AP			.04					.45	.12			T		T									T	T				T					.65
[illegible]				.03				.21	.14	.04			T											T			.02	T					.46
[illegible]				.60				.43	T																								1.03
[illegible]		T	T	.01				.32	.23																								.58
[illegible]				.08					.42	.19														.20				.02	T				.91
[illegible]								.31	.46														.43										1.20
Shawneetown New Twn					I				.30														.50	1.21				T	T				2.01
[illegible]				.01					.39	2.01																		.68	.05				2.64
[illegible]								.62	1.85						.01													07					2.71
[illegible]				.05				.83	.02	T													.20	T									1.10
Springfield WB AP	R //		.09	.17			T	.84	T																		.07	T					.97
Springfield WB [illegible]			.04	.13			T	.47																			.12	T					.76
Stickney W Side Tr	R		.06					.97	.14																			.02					1.19
Stockton			.10					.27	.08			T												T									.45
Streator								.66	.37																		.21	.03					1.27

See reference notes following Station Index

Table 3—Continued

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Sullivan Water Works R		.15	.40				.59																			.02						1.16
Sycamore		.05					.36	.47																								.88
Table Grove		.03					.32	.34	.01																	.05	.02					.77
Taylorville		.02	1.29				1.02	.03																								2.36
Tiskilwa		T					.40	1.00	.08																	.22						1.70
Toulon							.50	.42																		.16	.04					1.12
Tuscola			.95				.43	.53	.23																	.24	T					2.38
Urbana			.62				.82	.33	.12																	.38	.02					2.29
Urbana Exp Farm R		.06	.56				.74	.60	.09																	.48						2.53
Urbana Eng Campus			.60					.82	.32																	.04	.32					2.10
Utica Starved Rock Dam			T				.13	.20	.65																	.03	.02					1.03
Vandalia R			.49				.80																			.09						1.38
Virden			.59				.52	.08																		T	T					1.19
Walnut							.53	.40																		T						.93
Warsaw		.06				T	.34																									.40
Washington R							.38	.04																		.38						.80
Waterloo	T		.10				.35	.18														T										.63
Waterman R //		.18					.37	.60																		.04						1.19
Watseka			.70				.72	.08	.27																	.17	.03	T				1.97
Waukegan		.02					19	18			T			03													T					.42
Wayne City								.45	.12													T	.28	T								.85
Wenona R							.30	.51																		1.11						1.92
West Frankfort 8 E R								.50														.70										1.20
Wheaton College	T		.12				.74	.86	.27		T																.03					2.02
White Hall 1 E			.62				.31	T	.05																							.98
Wilcox								.39	.10													T	.90									1.39
Windsor			.54				.58	.25																								1.37

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4

ILLINOIS
OCTOBER 1950

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
CAMP 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CRETE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN R[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—2d—																									
BEARDSTOWN LAGRANGE DAM //																								.13	.13
CARLINVILLE 1 SW																					.10	.39	.01	.03	.53
CHICAGO CAL TREAT WKS																				.02	.06	.02			.10
CHICAGO LAKEVIEW PUMP																			.15	.11					.26
CHICAGO LOYOLA UNIV																			.12	.08				.01	.21
CHICAGO MAYFAIR PUMP S1																			.08	.05			.01		.14
CHICAGO N BRA PUMP STA																			.16	.06				.01	.23
CHICAGO ROSELAND PUMP																		.02		.01	.18				.21
CHICAGO SAN DIST DISPAT																			.01	.09					.10
CHICAGO SAN DIST OFF																			.01	.12					.13
CHICAGO S FILTER PL																		.02		.06	.09				.17
CHICAGO SPRINGFLD PUMP																			.12	.12					.24
CHICAGO UNIVERSITY																				.05	.03				.08
CHICAGO WB AIRPORT																			.03	.07	.01				.11
CHICAGO WB CITY																			.01	.12	.01		.01		.15
DANVILLE HOSPITAL																								.06	.06
DOUGLAS															.02	.01	.01								.04
DOWNS 2 NE																			.01	.07	.04		.08	.10	.30
DWIGHT STATE REFORM																			.02						.02
EFFINGHAM CAA //																								.01	.01
EVANSTON PUMP STA																			.09	.08					.17
FAIRBURY WATER WORKS //																				.09	.10			.10	.29
FARMER CITY																		.01	.05	.07	.04			.11	.28
FREEPORT SEWAGE PLANT																.01	.02								.03
FULTON DAM 13															.02		.01								.03
GREENFIELD																		.05	.02	.02	.01	.05	.10	.54	.79
HOOPESTON																						.01	.01	.01	.03
HUDSON LK BLOOMINGTON																	.02	.01	.01						.04
ILLINOIS CITY DAM 16									.01					.01	.01	.01									.04
JACKSONVILLE SEWAGE PL																					.02		.02	.02	.06
JOLIET WB AIRPORT 6																				*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																				.01	.04	.01			.06
LANARK															.07	.03	.04								.14
LOCKPORT LOCK AND DAM																			.05	.04					.09
LOCKPORT POWER HOUSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAROA																			.05	.24			.12	.28	.69
MASON CITY																						.05			.05
MOLINE WB AIRPORT //															.01	.02	.01								.04
MORRISONVILLE																					.43	.06	.02	.10	.61
PEORIA LOCK AND DAM //																.02	.03								.05
PIPER CITY																				.01	.04	.01			.06
PITTSFIELD WATER WORKS																		.01		.01	.03	.04	.02	.20	.31
QUINCY CAA 6																				*	*	*	*	*	-
QUINCY DAM 21														.01	.01										.02
RANTOUL CHANUTE AF BASE //																		*	*	*	*	*	*	*	*
ROCKFORD CAA 6														*	*	*	*	*	.04						-
SKOKIE N S TREAT WKS																			.11	.03	.01				.15
SPRINGFIELD WB AIRPORT //																		.02	.01				.02	.05	.09
SPRINGFIELD WB CITY																		.01	.01					.02	.04
STICKNEY W SIDE TREAT																				.06					.06
SULLIVAN WATER WORKS //																							.05	.10	.15
URBANA EXP FARM																					.03	.03			.06
WATERMAN //																		.04	.14						.18
—3d—																									
BEARDSTOWN LAGRANGE DAM //	.02																								.02
BELLEVILLE SCOTT AF BSE	*	*	*	*	*	.05																			.05
CAIRO WB CITY												.01		.06	.01										.08
CARPENTER 1 SW	.07	.01	.06																						.14
COLLINSVILLE		.03	.02		.01	.01		.02	.01																.10
DANVILLE HOSPITAL	.01		.01	.11	.11	.07	.05	.03																	.39
DIONA				.05	.08	.01																			.14
EFFINGHAM CAA		.01	.13	.22	.06																				.42
FARMER CITY	.23	.22	.04	.06	.01																				.56
GOLCONDA DAM 51													.02												.02
GREENFIELD	.01	.03	.04																						.08
HOOPESTON	.02	.15	.08	.14	.03																				.42
JACKSONVILLE SEWAGE PL	.12	.02																							.14
JOLIET WB AIRPORT 6	.02																								-
LOUISVILLE					.17	.01																			.18
MAROA	.02	.01	.07	.02																					.12
MORRISONVILLE	.16	.07	.03	.03	.02		.05																		.36
MURPHYSBORO WATER WORKS																								.01	.01
NEWTON					.10	.03																			.13
PIPER CITY	.10																								.10
PITTSFIELD WATER WORKS	.02																								.02
PRAIRIE DU ROCHER W WKS					.01	.01	.01																		.03
QUINCY CAA 6	.01																								-
RANTOUL CHANUTE AF BASE //	*	*	*	*	*	1.10																			1.10
SPRINGFIELD WB AIRPORT	.02	.08	.07																						.17
SPRINGFIELD WB CITY	.04	.05	.03	.01																					.13
SULLIVAN WATER WORKS //	.05	.07	.16	.03	.08	.01																			.40
URBANA EXP FARM	.10	.26	.06	.03	.09		.01	.01																	.56
VANDALIA			.20	.23	.05	.01																			.49
—4th—																									
MURPHYSBORO WATER WORKS //	.01																								.01
—6th—																									
LOCKPORT POWER HOUSE					.01																				.01
—7th—																									
AUGUSTA	*	*	*	*	*	*	*	*	*	*	.70														.70
BEARDSTOWN LAGRANGE DAM					.18	.05	.01			.05	.07	.02	.01												.39
BELLEVILLE SCOTT AF BSE								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BELVIDERE SEWAGE PLANT						.14	.06	.01	.03	.09	.05	.01													.39
BRADFORD CAA 6		*	*	*	*	*	.13	*	*	*	*	*	.32							*	*	*	*	*	-
CAIRO WB CITY																					.17	.23			.40
CARPENTER 1 SW								.09	.02	.04	.01	.12	.01	.02	.08	.14	.12	.03							.68
CHICAGO CAL TREAT WKS									.03	.19	.10	.07	.18	.22	.16	.10									1.05
CHICAGO LAKEVIEW PUMP									.07	.16	.13	.20	.09	.07	.04										.76
CHICAGO LOYOLA UNIV									.08	.18	.22	.31	.12	.07	.05										1.03
CHICAGO MAYFAIR PUMP ST									.14	.21	.26	.23	.11	.12	.03										1.10
CHICAGO N BRA PUMP STA									.08	.17	.17	.27	.12	.06	.06										.93
CHICAGO ROSELAND PUMP									.09	.15	.11	.11	.18	.20	.15	.05									1.04

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO SAN DIST DISPAT										.11	.22	.11	.14	.17	.11	.06										.92
CHICAGO SAN DIST OFF										.07	.09	.04	.09	.19	.12	.04	.01									.65
CHICAGO S FILTER PL										.10	.17	.10	.15	.15	.22	.11	.06									1.06
CHICAGO SPRINGFLD PUMP										.08	.19	.21	.37	.18	.10	.01										1.14
CHICAGO UNIVERSITY										.08	.11	.09	.16	.18	.19	.09	.04									.94
CHICAGO WB AIRPORT										.17	.19	.14	.16	.12	.13	.06										.97
CHICAGO WB CITY										.13	.19	.10	.13	.14	.12	.05										.86
CISNE BROWN CAMP																		.01	.06	.17	.08	.07				.39
COLLINSVILLE								.08	.23	.02	.07	.01	.05	.03	.03	.10	.13	.10		.04	.01					.90
COULTERVILLE															.05	.22	.16	.07	.08	.18	.02					.78
DANVILLE HOSPITAL																		.10	.06	.06	.08					.30
DIONA																		.09	.12	.11	.13					.45
DOUGLAS						.08	.02			.02	.08	.07	.03					.01								.31
DOWNS 2 NE								.11	.02	.01	.01	.13	.10	.12	.21	.04	.03									.78
DWIGHT STATE REFORM								.02	.13	.18	.02	.15	.14	.06	.14	.03										.87
EFFINGHAM CAA	//																.18	.10	.09	.15	.03					.55
EVANSTON PUMP STA										.06	.16	.12	.19	.09	.06	.05										.73
FAIRBURY WATER WORKS	//								.13	.05	.02	.01	.10	.08	.13	.21	.04									.77
FARMER CITY									.02	.12	.08	.02	.06	.29	.10	.13	.19	.03	.01							1.05
FREEPORT SEWAGE PLANT						.16	.14	.02	.03	.08	.01	.02											.02		.02	.50
FULTON DAM 13						.16	.01	.03	.04	.02	.03	.01									.01	.01	.02	.04		.38
GALATIA 1W																					.17	.13	.09	.02		.41
GLENDALE EXP FARM																						.10	.15	.05	.01	.31
GOLCONDA DAM 51																						.16	.17	.04		.37
GREENFIELD							.07	.06	.04	.03	.01		.05	.10	.07	.03										.46
HOOPESTON																.02	.05	.10	.09	.06						.32
HUDSON LK BLOOMINGTON							.05	.27	.02	.02	.04	.08	.10	.04	.14											.76
HUTSONVILLE	//																.01	.01		.01	.11	.06	.05	.10		.35
ILLINOIS CITY DAM 16				.02	.01			.11	.06	.01																.21
JACKSONVILLE SEWAGE PL							.11	.04	.01				.08	.04	.02											.30
JOLIET WB AIRPORT	6								*	*	*	*	*	.65	*	*	*	*	*	.16						-
KANKAKEE SEWAGE PLANT										.02	.09	.27	.03	.17	.23	.18	.16	.12	.01							1.28
KEWANEE BAKER PARK						.13	.02	.02	.03	.11	.08	.02														.41
LANARK				.04	.05	.05	.01	.03	.06	.02		.02	.01													.29
LOCKPORT LOCK AND DAM										.27	.22	.19	.19	.12	.09											1.08
LOCKPORT POWER HOUSE									.03	.33	.18	.18	.20	.11	.09	.01										1.13
LOUISVILLE															*			.05	.10	.10	.15	.09				.49
MARIETTA					.02	.03				.02	.08	.07														.22
MAROA												.01	.10	.21	.09	.18	.02	.02	.01	.01						.65
MASON CITY								.13	.01			.01	.07	.05	.03	.01										.31
MC HENRY								.06	.04	.03	.07	.01	.05	.06	.03		.01	-	-	-	-	-	-	-	-	-
MOLINE WB AIRPORT	//				.01	.11	.05	.01	.21	.04	.02												.03			.48
MORRISONVILLE							.01	.03	.09	.01	.01	.07	.10	.10	.02	.12	.19	.14	.01	.01	.01					.92
MT CARMEL WATER WORKS															.01	.04										.05
MURPHYSBORO WATER WORKS	//																		*	*	*	*	*	*	.62	.62
NEWTON																			.09	.12	.08	.16				.45
OREGON					.05	.07	.16	.09	.02	.07	.07	.04														.57
PARIS SEWAGE PLANT																		.01	.15	.09	.13					.38
PEORIA LOCK AND DAM	//						.06	.09		.02	.01	.01	.03	.01												.23
PEORIA WB AIRPORT							.05	.07	.01			.03	.03	.01												.20
PIPER CITY											.19	.01	.05	.15	.16	.14	.15	.08								.93
PITTSFIELD WATER WORKS					.04	.18	.03				.02	.12	.04	.01	.01											.45
PRAIRIE DU ROCHER W WKS													.01	.18	.03	.04	.09	.05	.12	.03		.04				.59
PRINCETON 1 S	//										.10	.12	.04	.01												.27
PROPHETSTOWN					.33	.17	.04	.01	.02	.23	.05	.02	.03	.01										.04		.95
QUINCY CAA	6		*	*	*	*	*	.07	*	*	*	*	*	.07												-
QUINCY DAM 21				.09	.01					.09	.02															.21
RANTOUL CHANUTE AF BASE	//											.05	.05	.03	.15	.12	.17	.14	.06	.05						.82
RICHVIEW																.01	.19	.17	.13	.10	.21					.81
ROCKFORD CAA	6		*	*	*	*	*	.11	*	*	*	*	*	.34												-
SKOKIE N S TREAT WKS										.07	.15	.10	.15	.07	.08	.01										.63
SPRINGFIELD WB AIRPORT	//						.22	.01	.01				.08	.12	.15	.05										.64
SPRINGFIELD WB CITY							.03	.02					.11	.11	.15	.05										.47
STICKNEY W SIDE TREAT										.19	.21	.14	.12	.17	.09	.05										.97
SULLIVAN WATER WORKS	//														.06	.19	.09	.11	.10	.04						.59
URBANA EXP FARM												.02	.03	.01	.10	.14	.15	.15	.05	.09						.74
VANDALIA															.15	.25	.15	.14	.06	.05						.80
WASHINGTON						.08	.01	.09	.10		.01		.01	.07	.01											.38
WATERMAN	//				.06		.01	.03	.07	.03	.07	.01	.06	.02	.01											.37
WENONA									.07	.12	.01	.01	.03	.03	.02	.01										.30
														—8th—												
ALEXIS WATER WORKS				.02	.01	.01																				.04
BEARDSTOWN LAGRANGE DAM	//															.05	.04	.01								.10
BELLEVILLE SCOTT AF BSE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.79	.79
BELVIDERE SEWAGE PLANT							.03	.24	.12	.03	.02															.44
BRADFORD CAA	6	.01	*	*	*	*	*	.31	*	*	*	*	*	.08	*	*	*	*	*	.31	*	*	*	*	*	-
CAIRO WB CITY																						.01				.01
CHICAGO CAL TREAT WKS										.02	.01															.03
CHICAGO LAKEVIEW PUMP										.02		.02	.99	.53	.10	.15	.16									1.97
CHICAGO LOYOLA UNIV										.02			.69	.51	.04	.45	.35	.07								2.13
CHICAGO MAYFAIR PUMP ST								.01	.01	.01			.39	.62	.06	.27	.15	.24	.02							1.78
CHICAGO N BRA PUMP STA										.02			.17	1.07	.16	.12	.36	.06								1.96
CHICAGO ROSELAND PUMP									.01	.01	.01															.03
CHICAGO SAN DIST DISPAT										.02			.03	.11	.01											.17
CHICAGO SAN DIST OFF										.02		.01	.14	.11	.02		.01									.31
CHICAGO S FILTER PL										.01	.02	.04	.06	.01	.01											.15
CHICAGO SPRINGFLD PUMP									.01	.02				.23	.03	.04	.07	.11								.51
CHICAGO UNIVERSITY										.02	.03	.02	.01	.05	.01				.02	.04						.20
CHICAGO WB AIRPORT									.01	.02				.01	.01				.05	.01						.11
CHICAGO WB CITY									.01	.03			.20	.10	.01	.02		.03								.40
COULTERVILLE																	.03									.03
DANVILLE HOSPITAL																.04	.01	.01	.24	.12	.06	.11	.01	.05	.13	.78
DIONA													.01	.01		.10	.05	.15	.25	.12	.04	.06	.08		.10	.97
DOUGLAS						.03	.05	.01		.04				.02	.14			.02	.02	.03				.01		.37
DOWNS 2 NE									.02	.01							.03									.06
DWIGHT STATE REFORM						.01	.02	.01	.04					.11	.02	.02	.13		.01	.01						.38
EFFINGHAM CAA	//												.13	.02		.01	.01		.09	.09	.01	.03			.01	.40
EVANSTON PUMP STA								*	*	*	*	*	*	*	*	*	*	*	1.17							1.17
FAIRBURY WATER WORKS	//										.01	.01	.02						.04							.08
FARMER CITY																	.02	.03								.05
FREEPORT SEWAGE PLANT		.01			.01	.03	.07																			.12
FULTON DAM 13				.01	.02																					.03
GLENDALE EXP FARM		.03																			.01	.02				.06
GREENFIELD																			.10							.10
HOOPESTON																	.13	.05	.01		.08	.12		.05	.04	.48
HUDSON LK BLOOMINGTON						.02	.02																			.04
HUTSONVILLE	//																.03	.03							.02	.08
ILLINOIS CITY DAM 16		.01	.01	.02	.01																					.05
JACKSONVILLE SEWAGE PL																	.06	.28	.01							.35
JOLIET WB AIRPORT	6		*	*	*	*	*	.05	*	*	*	*	*	.04							*	*	*	*	*	-
KEWANEE BAKER PARK						.08									.04											.12
LOCKPORT LOCK AND DAM		.01	.01				.03	.02																		.07
LOCKPORT POWER HOUSE							.02	.06	.01		.01										.02					.12
LOUISVILLE									.01					.20								.03	.01	.01		.26
MARIETTA		.01			.03	.01									.15	.04	.02		.03	.04						.33

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A.M. Hour ending												P.M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MC HENRY				-	-		-	-	-	-	-	-													-
MOLINE WB AIRPORT	.01															.01									.02
MT CARMEL WATER WORKS			.05																						.05
NEWTON															.09					.07	.01	.01	.02	.01	.21
OREGON					.01	.01	.03	.18	.08		.08	.07	.01	.02				.04							.53
PARIS SEWAGE PLANT																	.11	.09	.04	.02	.10		.03	.19	.58
PEORIA LOCK AND DAM	.01	.01													.01	.01									.04
PEORIA WB AIRPORT											.02	.01	.02	.04		.01	.01								.11
PIPER CITY	.01	.01														.18	.22							.01	.43
PITTSFIELD WATER WORKS											.01	.01	.01	.01	.02										.06
PRINCETON 1 S													.01		.14	.04	.01	.04	.04						.28
PROPHETSTOWN				.01	.02		.02		.01	.07	.02														.15
QUINCY CAA 6														*	*	*	*	-	.02						-
QUINCY DAM 21													.01	.01											.02
RANTOUL CHANUTE AF BASE											.01	.06	.12	.08			.06	.02	.02				.01	.01	.39
RICHVIEW	.01	.01						.01	.01																.04
ROCKFORD CAA 6		*	*	*	*	*	.06	*	*	*	*	*	.10												-
SKOKIE N S TREAT WKS							.02		.01			.21	1.27	.15	.15	.02	.02								1.85
STICKNEY W SIDE TREAT								.01	.02			.01	.08	.01					.01						.14
URBANA EXP FARM			.01											.01	.42	.13		.01	.01					.01	.60
WASHINGTON								.04																	.04
WATERMAN					.01	.07	.12		.05	.11	.07	.01	.01			.05	.06	.04							.60
WENONA						.01		.01	.18	.01			.01	.01	.08	.16	.04								.51
WEST FRANKFORT 8 E	.28	.12	.10																						.50
—9th—																									
BRADFORD CAA 6	.04																								-
DANVILLE HOSPITAL	.08	.05	.07	.08	.08	.04	.02																		.42
HOOPESTON	.01	.03	.12	.09	.07	.07	.01																		.40
HUTSONVILLE	.02	.01	.07	.03			.02	.02																	.17
JOLIET WB AIRPORT 6	.01																								-
LOCKPORT POWER HOUSE								.01																	.01
LOUISVILLE											.01	.01	.01												.03
NEWTON	.05	.03	.03	.01																					.12
PARIS SEWAGE PLANT	.10	.08	.06	.04																					.28
RANTOUL CHANUTE AF BASE	.02	.01			.01	.06	.01	.04																	.15
URBANA EXP FARM	.02	.01	.01	.02				.03																	.09
—14th—																									
CHICAGO LOYOLA UNIV	.01																								.01
EVANSTON PUMP STA	.01																								.01
SKOKIE N S TREAT WKS	.01																								.01
—21st—																									
CAIRO WB CITY															.02						.02		.02	.04	.10
—22d—																									
CAIRO WB CITY		.02	.04	.32	.62	.28	.11	.05			.01									.01	.01				1.47
CISNE BROWN CAMP								.12	.13	.15	.05		.01	.03	.01										.50
GALATIA 1W				.05	.03	.02	.23	.18	.19	.14	.13	.08	.19	.12	.03	.06	.02								1.47
GLENDALE EXP FARM		.04		.02	.21	.43	.73	.28	.13	.09	.10	.03	.02		.06	.05	.04	.01							2.24
GOLCONDA DAM 51	.01	.04	.01	.13	.41	.56	.01		.01	.02				.01	.01	.02	.01	.04	.09						1.38
LOUISVILLE										.05	.10	.04	.01												.20
MT CARMEL WATER WORKS							.05	.05	.05	.07	.08	.18	.13	.06	.08	.09	.01								.85
MURPHYSBORO WATER WORKS /				.05	.04	.04	.16	.10			.01		.02	.01	.01										.44
NEWTON										.01	.09	.03													.13
PRAIRIE DU ROCHER W WKS								.11	.02	.01	.02	.03	.01												.20
RICHVIEW								.01	.09	.13	.01	.01	.01	.04											.30
WEST FRANKFORT 8 E												.05	.08	.24	.12	.05	.07	.04	.02	.01	.02				.70
—26th—																									
BRADFORD CAA 6		*	*	*	*	*	.43	*	*	*	*	*	.13												-
CARPENTER 1 SW								.05																	.05
CHICAGO CAL TREAT WKS																								.01	.01
CHICAGO LAKEVIEW PUMP																								.06	.06
CHICAGO LOYOLA UNIV																								.01	.01
CHICAGO MAYFAIR PUMP ST																								.01	.01
CHICAGO N BRA PUMP STA																								.03	.03
CHICAGO ROSELAND PUMP																								.01	.01
CHICAGO SPRINGFLD PUMP																								.04	.04
CHICAGO WB AIRPORT																								.08	.08
COULTERVILLE								.05	.14	.04	.02	.02													.27
DOUGLAS							.03	.11	.01																.15
DOWNS 2 NE									.06	.14															.20
DWIGHT STATE REFORM							.09	.02	.09	.04	.01														.25
FAIRBURY WATER WORKS /							.03	.02	.07	.08															.20
FARMER CITY							.02	.02	.01	.19	.01														.25
HOOPESTON								.01	.01	.02	.14	.01													.19
HUDSON LK BLOOMINGTON						.10		.18	.02																.30
KEWANEE BAKER PARK				.34																					.34
MASON CITY						.01	.01																		.02
MOLINE WB AIRPORT				.07																					.07
PARIS SEWAGE PLANT									.02	.02	.01	.02													.07
PEORIA LOCK AND DAM						.06	.02		.05																.13
PEORIA WB AIRPORT								.29	.01																.30
PIPER CITY									.05	.11	.03														.19
PRINCETON 1 S	.01							.04																	.05
PROPHETSTOWN					.05																				.05
RANTOUL CHANUTE AF BASE /							.01		.01	.12	.06	.01	.01												.22
SPRINGFIELD WB AIRPORT						.07																			.07
SPRINGFIELD WB CITY						.12																			.12
SULLIVAN WATER WORKS									.02																.02
URBANA EXP FARM								.09		.22	.17														.48
VANDALIA								.02	.07																.09
WASHINGTON								.05	.30	.02	.01														.38
WATERMAN		.01	.01				.01	.01																	.04
WENONA				.03	.41	.34	.27	.03		.01	.01	.01													1.11
—27th—																									
CHICAGO CAL TREAT WKS	.08							.01	.01																.10
CHICAGO LAKEVIEW PUMP	.03																								.03
CHICAGO LOYOLA UNIV	.01						.03																		.04
CHICAGO MAYFAIR PUMP ST							.04																	.01	.05
CHICAGO N BRA PUMP STA							.04																		.04
CHICAGO ROSELAND PUMP	.08																		.01						.09
CHICAGO SAN DIST DISPAT	.01								.01																.02
CHICAGO SAN DIST OFF				.01																					.01
CHICAGO S FILTER PL		.08						.01	.01																.10
CHICAGO SPRINGFLD PUMP	.04																								.04
CHICAGO UNIVERSITY	.04																								.04
CHICAGO WB AIRPORT	.01						.01																		.02

See reference notes following Station Index.

Table 4—Continued

HOURLY PRECIPITATION

ILLINOIS
OCTOBER 1950

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO WB CITY								.01																	.01
EVANSTON PUMP STA	.02						.04		.02																.08
SKOKIE N S TREAT WKS	.01						.05		.01																.07
STICKNEY W SIDE TREAT								.01	.01																.02
									—31st—																
CAMP ELLIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CRETE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN RIDGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	82	76	60	57	61	77	69	60	76	76	74	71	70	77	76	87	88	88	81	70	79	72	64	65	64	62	78	81	80	86	87	74.0
	MIN	62	55	35	33	34	53	55	46	44	43	47	43	46	52	46	58	54	56	53	45	41	44	44	48	31	45	53	52	42	56	58	47.5
ALTON DAM 26	MAX	84	82	67	58	66	76	65	56	68	78	80	72	80	84	87	90	92	88	88	74	76	74	56	66	70	72	82	84	80	86		76.0
	MIN	62	53	44	38	36	49	50	49	47	47	50	50	53	53	54	58	53	52	54	51	46	52	43	42	38	46	56	52	48	56		49.4
ANNA 1NW	MAX	82	77	71	63	66	75	76	64	71	74	81	76	78	81	85	86	87	83	83	75	76	68	64	67	68	76	78	82	84	85	85	76.4
	MIN	61	61	51	40	35	47	54	48	46	45	52	48	45	58	52	55	54	56	52	55	50	61	49	50	46	46	63	60	58	53	62	52.0
ANTIOCH	MAX	79	80	63	52	58	68	62	59	65	69	66	62	55	57	67	78	80	83	76	61	71	57	52	58	53	60	69	71	73	79	80	66.5
	MIN	60	61	38	34	33	49	55	54	50	44	51	47	41	49	40	54	58	57	56	44	40	49	40	44	33	34	50	47	44	49	56	47.1
AURORA COLLEGE	MAX	82	80	58	53	61	72	60	58	67	71	67	65	61	66	70	82	85	86	79	63	74	64	53	59	57	59	74	73	75	84	83	69.1
	MIN	61	58	36	33	29	50	50	53	49	41	51	42	33	46	44	51	52	50	51	45	35	42	47	42	28	35	50	47	40	44	53	44.8
BELLEVILLE SCOTT AF	MAX	82	79	70	57	65	76	64	63	69	73	79	73	78	82	84	85	85	85	85	72	74	69	58	64	65	74	85	83	80	88	86	75.2
	MIN	65	60	49	41	34	47	52	51	48	46	52	50	43	56	55	57	53	55	55	51	46	51	45	39	41	47	55	59	52	55	60	50.6
BLOOMINGTON NORMAL	MAX	82	80	77	59	61	72	71	60	68	73	74	73	67	79	75	85	85	82	83	78	75	70	68	59	61	56	78	79	78	86	84	73.5
	MIN	61	67	40	38	34	52	53	51	49	41	51	44	46	55	46	56	65	62	52	47	40	46	50	41	33	42	56			63	60	49.7
CAIRO WB CITY	MAX	82	79	67	63	67	74	76	65	71	74	81	75	79	82	83	83	83	81	81	75	74	69	65	67	68	76	80	81	84	83	[illegible]	75.9
	MIN	65	65	55	48	42	52	58	52	49	50	55	53	49	58	60	59	59	60	59	60	57	65	54	49	52	51	62	62	62	64	64	56.5
CARBONDALE SEWAGE PL	MAX	83	78	71	61	68	76	77	63	70	75	82	74	78	82	88	89	88	85	84	78	78	69	65	74	68	76	80	82	85	85	86	77.4
	MIN	59	60	52	42	32	47	55	50	48	40	50	44	40	60	50	52	50	50	47	55	47	60	50	58	41	40	64	62	54	52	63	50.8
CARLINVILLE 4E	MAX	85	80	73	57	63	74	65	55	68	73	79	72	75	84	81	84	86	85	85	74	73	72	59	61	65	68	82	81	80	87	86	74.6
	MIN	66	59	43	36	28	50	55	48	46	39	51	43	37	54	46	57	49	50	47	49	39	48	45	37	29	43	60	50	44	51	56	46.7
CARLYLE	MAX	85	78	69	59	67	78	76	57	71	75	80	75	80	83	85	88	66	86	85	75	77	64	61	65	68	72	73	83	82	88	82	75.3
	MIN	65	65	49	42	40	52	57	50	49	43	54	48	52	58	57	59	60	58									51					
CHARLESTON	MAX	84	76	70	58	57	74	72	58	61	74	78	70	70	82	80	84	88	87	84	69	74	67	60	58	65	58	79	79	80	87	85	73.2
	MIN	61	62	47	39	33	45	54	49	50	46	52	46	39	55	47	55	54	55	51	51	41	52	47	41	34	39	54	54	52	52	60	48.9
CHICAGO HEIGHTS	MAX	82	81	59	56	60	68	61	59	65	71	65	65	58	66	71	81	86	85	81	62	75	62	57	58	58	69	76	74	76	84	84	69.5
	MIN	63	60	39	34	30	49	51	49	51	40	52	43	35	45	38	50	58	51	54	43	33	43	46	41	28	32	49	45	41	52	59	45.3
CHICAGO UNIVERSITY	MAX	81	80	56	53	60	68	62	60	62	70	65	64	58	60	63	80	85	84	79	60	68	59	54	57	53	60	75	73	75	83	84	67.5
	MIN	63	56	43	40	40	53	54	53	55	50	56	50	46	54	51	54	61	60	60	52	46	54	47	46	40	42	52	54	53	56	63	51.7
CHICAGO WB AIRPORT	MAX	84	83	58	53	62	70	62	59	65	71	66	65	58	63	68	82	86	87	79	60	75	62	55	57	56	62	76	77	77	85	84	69.3
	MIN	65	56	41	39	34	53	52	52	51	44	55	46	40	51	45	53	58	56	57	44	41	52	47	42	33	37	51	53	49	51	58	48.6
CHICAGO WB CITY	MAX	81	81	58	55	60	70	64	59	64	72	67	64	59	59	63	80	85	85	78	60	65	59	55	58	53	59	75	71	75	82	83	67.7
	MIN	69	58	45	42	42	55	54	53	52	52	57	52	49	54	53	56	63	65	60	53	50	55	49	48	42	45	55	54	59	58	64	53.6
CICERO	MAX	83	84	69	58	62	70	62	58	66	73	67	66	57	65	67	82	88	86	81	66	75	62	55	58	60	62	78	77	79	85	85	70.5
	MIN	64	63	40	37	34	52	55	51	55	44	53	47	41	52	45	53	57	54	55	50	40	51	49	39	35	37	52	53	48	49	59	48.8
DANVILLE	MAX	83	81	69	57	62	70	74	63	66	72	76	68	69	80	73	82	87	86	85	66	72	69	60	58	59	57	75	74	76	84	85	72.2
	MIN	61	61	45	39	31	45	55	51	50	41	53	46	40	54	46	51	53	50	48	50	37	49	48	41	38	35	52	46	45	46	60	47.3
DECATUR	MAX	84	79	64	59	64	75	64	60	61	74	78	71	70	85	79	86	89	85	86	70	75	70	59	60	65	56	82	81	80	87	85	73.6
	MIN	65	64	42	37	35	52	53	50	48	43	52	42	39	56	48	56	56	55	50	50	40	48	47	40	32	41	54	52	47	51	60	48.5
DIXON	MAX	80	80	60	55	59	72	68	58	68	69	68	67	63	69	71	82	86	86	81	66	73	68	53	61	60	54	76	77	77	82	83	70.0
	MIN	61	51	33	31	29	51	55	50	45	38	49	42	37	43	44	55	61	51	50	42	36	41	44	44	27	35	51	43	38	47	54	44.5
DU QUOIN	MAX	83	78	72	60	66	75	77	60	69	73	80	73	77	81	84	87	88	84	83	75	76	70	65	67	66	74	78	81	82	85	86	75.9
	MIN	64	63	51	42	36	51	58	51	48	45	54	48	45	52	54	59	64	56	55	55	49	59	50	44	44	45	63	60	56	62	62	52.7
EAST ST LOUIS	MAX	83	85	74	60	68	76	70	58	70	79	82	77	84	85	84	88	88	87	87	74	74	76	65	66	67	75	86	87	84	90	90	78.1
	MIN	63	52	46	42	35	48	44	36	46	45	53	51	46	46	55	56	57	55	55	54	48	54	44	45	40	51	63	53	52	57	62	50.1
EFFINGHAM CAA	MAX	83	76	66	57	64	74	75	58	61	73	79	71	71	81	80	85	87	85	82	70	73	66	58	57	64	61	79	80	79	86	84	73.1
	MIN	63	63	45	37	34	45	51	49	49	43	49	44	37	53	47	54	49	52	49	47	42	50	41	35	32	41	56	51	46	48	56	47.0
ELIZABETHTOWN	MAX	84	81	74	64	69	77	76	74	68	75	80	75	78	81	85	88	87	85	82	77	79	68	65	64	69	76	80	81	84	86	85	77.3
	MIN	60	60	52	42	35	42	56	50	47	45	49	48	43	53	58	56	54	55	53	56	52	62	53	42	42	40	60	59	59	54	61	51.5
FAIRFIELD	MAX	85	89	83	66	67	76	71	63		81	79	78	78		85	87	88	85	80	77	82	78	70	67	65	60	80	80	81	88	87	77.8
	MIN	61	70	52	40	40	52	51	50	60													64				45						
FLORA	MAX	83	78	71	65	75	69	66	59	62	87				73	71	81	87		82			65	61	59	65	65	78	75	76	77	75	72.2
	MIN	60	65	49	33	45	50	55	50	48	47	43	47	46	42	41	47	50	54	51	51	42	55	42	38	37	39	57	59	57	56	62	49.0
FREEPORT	MAX	78	77	55	53	56	70	65	59	66	70	67	64	61	65	69	80	83	84	76	64	72	64	53	61	57	54	70	74	75	79	82	67.8
	MIN	61	52	35	32	30	49	54	45	42	36	49	43	36	42	39	54	54	48	56	38	34	39	40	42	26	33	45	51	37	43	47	42.4
FULTON DAM 13	MAX	80	75	59	57	57	73	69	60	65	73	70	66	65	64	72	82	84	84	75	68	73	63	60	62	59	58	68	74	77	80	82	69.5
	MIN	60	57	40	37	33	50	50	48	49	41	51	47	47	46	46	55	57	53	57	47	40	46	43	47	37	42	50	46	41	49	56	47.4
GALESBURG	MAX	80	79	60	57	60	75	63	58	69	75	74	71	70	78	73	85	87	86	80	69	77	70	59	63	64	61	77	79	79	85	86	72.5
	MIN	64	48	37	34	36	54	55	48	44	46	50	44	51	55	50	56	55	58	53	43	40	49	44	38	30	45	54	48	43	54	57	47.8
GALVA	MAX	81	81	60	56	61	74	65	58	68	75	74	69	70	80	73	84	87	87	81	67	77	67	58	66	63	63	76	80	78	85	83	72.5
	MIN	61	54	36	32	32	49	54	48	44	42	48	42	48	52	46	56	55	55	54	43	39	43	42	47	33	42	53	48	47	54	44	46.5

See reference notes following Station Index

DAILY TEMPERATURES

ILLINOIS
OCTOBER 1950

		Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GOLCONDA DAM 51	MAX	84	79	78	62	68	74	74	67	68	75	80	74	73	80	82	85	88	82	78	74	78	78	64	62	64	74	78	80	82	84	84	75.8
	MIN	60	59	52	42	40	44	55	47	46	46	50	47	46	53	54	55	54	56	55	57	52	61	48	42	46	44	60	58	56	54	60	51.6
GREENVILLE	MAX	82	76	69	57	63	73	68	57	68	71	77	73	74	80	80	82	84	83	84	71	73	70	61	59	63	68	82	81	79	86	85	73.5
	MIN	65	63	46	40	36	51	56	49	47	48	52	46	46	53	52	58	56	57	56	51	46	56	49	42	38	45	61	53	52	55	58	51.1
GRIGGSVILLE	MAX	85	85	66	58	63	76	73	57	71	78	80	75	80	85	81	89	89	86	88	77	73	74	66	68	64	70	82	85	78	90	88	76.8
	MIN	60	61	31	32	34	52	53	45	42	46	49	45	46	56	46	56	53	56	56	48	38	46	45	45	35	45	60	52	49	57	56	48.2
[illegible]	MAX	85	82	67	65	69	78	78	66	68	76	82	75	79	83	88	89	88	85	83	76	71	66	63	69	67	75	80	82	85	87	86	77.2
	MIN	60	59	53	42	34	42	52	43	50	41	48	45	39	58	50	55	52	52	48	55	54	56	50	41	41	40	63	62	60	51	63	50.5
HAVANA	MAX	83	84	62	57	62	76	70	58	67	75	77	72	71	81	77	86	87	85	84	70	73	68	61	64	61	62	78	80	77	87	85	73.5
	MIN	63	58	40	37	30	52	54	50	48	42	51	45	42	55	46	57	52	52	50	50	40	45	48	47	32	43	56	49	41	54	55	47.9
HENRY	MAX	82	80	66	59	65	74	64	62	72	75	75	72	66	80	79	87	90	88	86	75	82	68	61	63	64	53	79	82	81	87	86	74.3
	MIN	64	59	36	34	32	51	55	50	46	41	51	43	41	49	47	56	58	53	53	48	41	46	49	46	32	38	49	48	41	51	61	47.4
[illegible]	MAX	83	79	71	57	65	76	67	58	69	74	80	73	74	84	80	86	87	86	85	73	72	68	59	60	64	66	83	82	78	87	85	74.6
	MIN	62	62	43	36	32	50	52	46	46	41	49	44	40	60	48	55	53	51	50	45	46	49	47	37	32	41	58	52	47	50	59	47.8
[illegible]NGTON	MAX	82	80	69	56	62	70	66	64	68	71	70	66	64	78	73	82	86	84	85	67	72	68	59	56	59	55	76	75	77	84	83	71.2
	MIN	62	60	44	39	31	44	53	51	51	42	49	45	37	52	46	50	53	52	49	48	42	46	45	40	30	35	49	46	44	47	57	46.4
JACKSONVILLE	MAX	83	84	73	56	62	75	68	57	69	75	79	73	77	84	79	86	86	83	86	73	75	71	59	64	65	68	82	85	79	90	87	75.3
	MIN	63	65	40	37	32	52	57	50	46	38	48	45	39	55	47	58	50	51	47	48	38	43	46	40	29	42	61	51	40	50	55	47.2
JERSEYVILLE	MAX	83	83	61	60	72	76	74	57	71	75	81	75	79	86	83	87	88	85	86	80	72	73	72	66	65	73	84	84	80	87	87	77.6
	MIN	64	64	43	37	35	52	55	49	45	46	51	45	45	54	51	53	57	57	53	48	42	44	48	44	37	47	63	56	50	57	59	50.0
JOLIET WB AIRPORT	MAX	82	81	59	58	60	70	61	61	67	72	66	65	59	68	71	82	86	84	80	63	74	64	55	58	58	57	77	73	75	84	84	69.5
	MIN	62	62	40	32	31	51	52	52	44	40	53	43	35	45	42	52	53	51	49	38	34	44	46	35	29	37	48	44	36	46	54	44.2
KANKAKEE	MAX	81	80	72	55	59	69	62	63	66	70	69	65	59	71	70	81	84	82	82	67	72	68	68	57	57	56	76	74	73	84	83	70.2
	MIN	63	62	41	39	33	48	53	52	52	44	53	46	39	46	44	51	53	52	51	48	37	38	48	43	38	34	51	46	48	49	59	47.1
KANKAKEE 1 S	MAX	80	81	72	53	59	68	63	61	65	68	66	64	59	69	70	81	86	83	81	68	72	66	56	57	55	56	76	74	74	85	85	69.5
	MIN	63	61	41	37	30	48	54	51	51	42	52	45	37	46	44	50	53	51	50	46	36	46	47	40	31	33	51	45	38	49	56	45.9
KEWANEE	MAX	79	79	60	54	59	72	65	58	67	73	68	68	63	82	73	84	86	86	78	68	67	65	56	58	59	58	74	78	76	85	83	70.4
	MIN	62	65	38	33	30	51	54	48	44	40	43	44	48	52	46	56	53	54	56	43	40	34	43	44	33	39	53	48	50	53	54	46.5
[illegible]	MAX	82	78	69	56	61	78	71	62	69	76	77	75	77	81	75	86	88	87	86	74	78	72	61	67	65	65	78	82	79	88	86	74.8
	MIN	62	55	35	33	30	54	55	46	42	40	46	39	41	53	47	59	53	60	53	45	40	42	45	50	32	42	56	52	40	59	61	47.3
LA SALLE	MAX	84	82	69	55	63	74	65	62	69	74	73	68	66	73	73	84	87	87	80	68	75	66	56	62	59	53	75	78	77	85	84	71.5
	MIN	63	59	38	35	31	52	55	49	50	41	54	46	49	45	45	54	53	51	50	47	35	43	47	45	32	39	52	47	40	56	57	47.1
[illegible]	MAX	81	80	69	54	63	75	63	59	62	74	76	71	69	82	77	88	87	84	85	70	73	69	58	62	61	59	80	80	77	87	85	72.5
	MIN	63	63	39	35	33	49	53	50	47	42	50	43	40	55	47	56	51	51	50	46	38	45	48	39	30	42	54	51	43	52	58	47.2
[illegible]	MAX	83	80	59	56	59	71	62	61	72	71	68	64	53	66	72	82	88	85	78	65	75	64	51	59	59	62	70	76	76	81	81	69.5
	MIN	60	58	36	32	28	47	54	49	46	40	51	44	39	44	37	48	55	49	55	41	33	44	43	39	27	29	47	43	37	46	54	43.7
[illegible]	MAX	81	82	68	56	62	72	72	56	59	72	80	69	68	80	79	82	85	84	83	69	73	65	55	56	61	58	79	78	78	85	84	71.4
	MIN	58	62	44	39	33	47	52	50	50	44	53	47	39	55	46	54	53	54	49	47	42	55	48	38	32	40	53	53	51	53	60	48.5
[illegible]	MAX	84	79	70	65	67	77	78	67	69	78	82	75	77	84	86	87	88	87	82	76	79	70	65	69	68	71	80	82	82	88	88	77.5
	MIN	62	68	52	44	36	52	51	47	45	50	47	42	57	52	57	55	56	55	54	47	58	49	39	42	42	59	60	57	54	60	60	50.9
[illegible]	MAX	81	80	72	67	68	73	72	57	68	74	73	68	67	75	74	84	87	85	83	72	77	67	65	61	61	56	77	80	82	85	84	72.8
	MIN	60	60	36	33	29	43	52	47	46	40	51	42	44	49	46	54	54	54	53	45	39	45	45	42	31	38	49	50	45	53	57	46.5
[illegible]	MAX	82	78	58	55	60	75	65	60	68	75	73	69	68	72	78	85	86	86	80	67	75	68	55	63	60	60	75	78	79	84	85	71.5
	MIN	62	64	38	35	34	54	53	49	44	39	48	47	50	47	46	60	56	57	54	47	38	43	43	36	31	44	47	42	38	60	64	46.8
[illegible]	MAX	83	80	64	56	60	76	70	62	68	75	75	71	70	72	74	84	87	85	86	69	76	73	63	65	63	59	76	76	78	86	85	73.1
	MIN	62	64	38	32	33	50	54	49	41	40	47	42	43	42	45	58	52	58	54	41	35	39	39	45	28	38	53	53	39	56	59	45.4
MORRIS 3 NE	MAX	82	81	75	54	61	71	68	59	67	71	70	66	60	69	71	82	86	85	80	74	72	66	57	60	57	56	78	76	77	86	84	70.9
	MIN	64	64	38	35	31	50	55	50	51	41	53	44	38	43	42	51	54	51	48	45	33	45	48	44	29	36	51	44	40	45	59	45.9
MORRISON	MAX	81	78	61	57	59	71	67	66	70	75	73	70	65	72	73	85	87	87	80	70	76	70	55	60	65	54	74	78	80	84	85	71.7
	MIN	61	62	36	33	33	49	55	48	45	40	50	42	43	44	46	52	55	53	51	44	38	43	43	47	30	40	49	45	40	50	53	45.7
MORRISONVILLE 1 E	MAX	82	80	72	57	64	74	64	56	66	73	79	73	73	83	80	85	86	84	85	75	73	69	59	60	65	60	82	81	78	87	85	75.8
	MIN	63	66	43	37	33	51	54	49	48	41	49	44	44	54	47	56	53	53	49	47	41	48	47	36	30	41	59	51	46	53	59	47.9
MT CARMEL	MAX	82	80	75	65	68	78	68	77	72	75	82	76	75	82	83	85	87	85	84	75	80	75	68	67	68	67	78	80	78	85	85	77.2
	MIN	68	79	58	50	35	56	55	52	52	50	62	49	47	52	53	55	54	53	54	53	54	53	38	42	41	38	39	48	58	54	64	50.3
[illegible]	MAX	79	76	75	55	58	72	66	61	69	72	70	66	63	69	72	82	84	85	77	67	74	67	58	62	62	54	71	74	77	81	82	70.0
	MIN	63	65	36	32	29	51	55	55	48	36	51	44	39	41	42	57	57	49	53	39	34	39	42	45	27	33	47	42	37	44	50	43.8
[illegible]	MAX	83	78	70	60	65	75	76	59	68	73	79	73	77	82	84	86	87	85	83	73	77	68	63	66	64	70	79	81	82	86	85	75.4
	MIN	62	61	49	40	36	48	55	48	47	42	52	45	43	54	54	56	55	57	54	51	45	57	48	40	40	43	60	58	54	57	59	50.7
NEW BURNSIDE	MAX	82	76	66	60	64	78	74	63	67	71	77	71	75	80	84	85	85	84	82	75	75	66	62	67	65	75	77	80	84	86	82	74.6
	MIN	66	62	52	41	33	44	56	50	48	43	51	43	56	56	56	54	53	47	55	47	60	49	41	41	40	60	58	59	57	60	50.8
NEWTON	MAX	80	79	78	61	66	74	77	60	62	74	78	72	72	82	80	86	88	86	84	73	75	64	64	59	66	61	72	81	83	88	87	74.6
	MIN	57	57	47	37	30	40	50	48	48	43	45	43	35	50	49	50	46	50	48	48	42	51	45	33	30	34	41	48	47	44	54	44.8
OLNEY RADIO STA	MAX	84	78	74	60	62	79	75	69	60	74	79	72	75	81	80	86	88	87	82	72	77	65	62	63	65	65	78					73.8
	MIN	61	61	51	40	35	53	54	52	50	44	50	46	38	37	50	53	50	53	50	52	43	57	48	36	35	36	58					47.9
[illegible]	MAX	81	80	61	56	61	74	65	59	70	74	71	69	64	73	73	85	89	88	82	68	75	67	58	61	62	54	78	79	79	88	85	71.9
	MIN	63	61	39	37	33	52	55	51	51	43	54	41	56	54	45	52	54	56	51	44	38	45	49	46	32	39	52	47	42	50	55	48.4
[illegible]	MAX	82	81	66	62	68	75	79	61	62	73	79	72	74	82	80	87	89	86	84	72	79	73	59	62	65	61	80	81	74	88	87	74.9
	MIN	60	61	46	42	31	41	52	50	50	46	50	45	38	53	57	50	50	50	48	50	45	53	48	39	33	38	50	50	50	47	58	47.8
PANA	MAX	87	80	68	71	66	76	69	61	60	74	78	72	75	83	81	86	88	87	85	73	75	69	59	59	63	63	83	83	79	88	87	74.5
	MIN	68	68	58	48	33	50	54	49	48	46	50	44	42	53	48	54	54	55	54	48	43	53	48	40	34	42	56	60	51	54	57	49.3
[illegible]	MAX	84	78	69	59	68	70	75	59	63	72	78	65	69	80	74	82	87	86	83	69	74	66	61	61	60	58	77	72	79	85	84	72.3
	MIN	68	68	60	46	39	34	43	53	50	50	43	51	45	37	51	46	49	55	53	49	49	40	49	46	40	31	36	51	52	47	49	47.2
PEORIA WB AIRPORT	MAX	82	80	59	55	60	74	68	56	66	73	74	70	68	77	74	85	86	83	81	69	76	67	58	63	63	60	76	80	77	86	85	71.8
	MIN	65	50	38	36	33	54	52	49	47	41	56	46	49	52	48	58	55	57	53	48	41	47	46	41	53	43	56	53	48	54	56	48.3
PONTIAC	MAX	80	78	73	53	59	70	65	55	67	69	71	67	64	72	72	81	84	81	81	71	72	68	60	59	57	53	77	76	75	85	84	70.3
	MIN	62	63	40	37	34	53	53	50	48	39	53	50	45	52	56	53	52	46	40	48	48	44	32	36	49	48	44	49	52	47	47.4
[illegible]	MAX	84	79	60	58	68	78	68	57	68	77	78	73	83	83	82	88	87	83	82	72	75	71	63	66	64	72	80	80	78	90	86	75.2
	MIN	64	68	38	35	35	57	58	42	45	43	48	43	45	58	52	61	59	62	52	45	41	44	46	51	34	52	60	56	43	64	63	49.9

Table 5-Continued

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
QUINCY CAA	MAX	84	83	61	57	63	78	65	56	70	77	81	74	82	84	82	88	88	85	84	72	79	73	53	66	65	72	81	82	80	90	88	75.6
	MIN	61	50	38	33	34	49	51	45	43	42	45	41	45	54	47	58	53	57	53	44	39	44	45	41	35	51	60	52	44	62	60	47.6
RANTOUL CHANUTE AF	MAX	83	79	61	57	62	74	64	56	69	73	73	67	66	80	74	83	87	83	86	67	73	70	55	56	61	54	79	76	77	85	84	71.4
	MIN	61	56	45	40	43	48	54	52	49	45	55	46	50	52	47	50	54	57	55	49	44	50	49	44	36	38	55	50	54	51	60	49.6
ROBERTS 3 N	MAX							60	60	66	72	70	65	65	75	74	82	88	85	83	68	75	68	61	58	58	54	79	75	78	85	84	71.5
	MIN							52	49	47	43	46	45	43	51	43	59	54	51	52	47	35	45	46	40	30	33	47	39	45	50	57	46.0
ROCKFORD	MAX	74	80	59	53	60	71	64	58	69	73	69	67	69	68	71	83	87	86	80	66	76	68	55	63	61	57	73	77	78	83	84	70.4
	MIN	61	58	36	32	32	42	54	49	46	39	52	43	35	48	42	54	54	53	53	41	38	46	44	44	34	37	51	45	40	45	54	45.2
ROCKFORD CAA	MAX	80	81	57	55	58	75	62	59	67	72	69	65	59	66	70	81	85	85	78	64	74	67	53	62	59	58	71	75	76	80	81	69.2
	MIN	61	42	36	32	31	51	54	48	43	38	49	38	33	43	40	53	53	51	49	40	35	46	42	36	27	35	43	40	37	44	55	42.7
RUSHVILLE	MAX	83	84	62	58	64	78	68	58	70	78	79	73	77	84	80	88	91	86	85	73	76	72	62	67	68	66	82	84	79	90	88	75.9
	MIN	68	59	39	36	34	54	56	48	43	43	49	42	42	54	48	58	54	56	56	46	42	46	47	49	36	49	59	54	45	56	55	49.1
SPARTA	MAX	85	78	72	62	69	77	67	60	71	75	82	76	80	88	88	89	90	87	86	77	78	70	63	70	69	77	86	85	85	89	88	78.0
	MIN	64	63	49	41	35	50	57	49	47	48	53	48	45	57	54	57	54	55	54	52	46	57	50	45	45	45	53	49	58	56	62	51.5
SPRINGFIELD WB AIRPORT	MAX	83	81	61	55	61	74	62	57	65	73	77	72	72	83	79	85	86	83	85	70	75	71	58	62	64	63	81	81	77	89	86	73.3
	MIN	65	53	41	36	33	55	52	50	47	43	50	42	42	54	47	59	56	56	52	48	39	48	48	42	32	45	59	52	44	60	61	48.7
SPRINGFIELD WB CITY	MAX	83	81	62	57	62	75	63	58	65	74	78	73	73	84	79	86	88	84	87	71	76	71	59	62	63	63	83	82	78	89	86	74.0
	MIN	65	54	43	40	40	55	53	52	49	50	54	49	49	56	50	59	59	60	58	50	45	53	50	46	41	47	62	55	54	59	62	52.2
STOCKTON	MAX	78	76	55	54	57	70	67	59	67	70	69	64	64	66	70	82	84	84	75	64	73	63	52	60	59	52	70	73	75	79	81	68.1
	MIN	61	55	35	31	32	49	54	42	42	40	49	43	44	40	40	53	59	55	56	37	34	42	39	43	32	36	43	40	42	54	58	44.5
SYCAMORE	MAX	83	81	57	54	60	71	61	60	68	71	66	63	59	66	71	81	87	81	78	64	74	64	51	58	56	59	73	76	77	82	83	68.9
	MIN	65	55	35	31	29	47	54	50	47	40	50	47	34	46	43	50	52	50	50	40	35	46	40	35	27	30	49	45	40	46	56	44.0
TABLE GROVE	MAX	82	82	60	56	61	76	66	58	68	76	77	72	74	80	75	88	89	86	82	69	75	70	57	66	64	63	77	84	85	89	88	74.0
	MIN	63	57	37	34	36	53	58	48	45	46	49	44	47	55	47	57	57	58	57	47	47	54	46	47	35	44	55	52	48	50	60	49.5
TUSCOLA	MAX	83	78	72	58	64	72	71	57	65	73	76	71	69	82	78	83	86	85	86	75	74	74	64	57	63	56	80	79	79	85	84	73.5
	MIN	61	60	44	37	32	46	54	51	50	42	51	43	38	48	49	52	52	51	48	49	50	43	46	39	30	38	49	50	47	49	58	47.0
URBANA	MAX	82	77	67	57	63	70	65	57	68	72	74	68	66	81	74	83	87	84	86	67	74	69	61	56	60	51	78	76	77	84	83	71.5
	MIN	61	62	45	39	34	49	56	52	51	45	53	46	43	53	48	53	54	53	52	50	43	51	49	42	37	39	50	50	49	52	60	49.1
VIRDEN	MAX	82	80	72	57	62	73	67	55	69	73	79	73	73	85	79	85	85	83	86	72	74	73	63	61	64	64	82	82	78	87	85	74.3
	MIN	62	64	41	36	35	52	54	48	47	42	49	42	42	54	46	56	53	56	51	46	41	49	48	40	31	43	58	53	48	56	58	48.4
WALNUT	MAX	80	83	59	56	61	71	68	59	67	73	72	69	65	69	70	80	85	87	82	71	75	70	60	62	59	53	77	76	80	81	84	71.1
	MIN	62	59	35	33	34	52	56	49	42	40	51	42	40	45	48	54	58	58	58	43	40	45	44	40	29	40	51	48	42	53	59	46.8
WATSEKA	MAX	80	80	70	58	58	66	58	67	65	69	66	65	60	72	70	80	83	82	83	70	72	68	61	56	57	54	77	74	74	84	83	69.7
	MIN	63	61	42	40	30	44	53	51	58	42	51	46	40	51	44	51	54	50	49	47	37	45	48	42	34	34	49	46	42	49	57	46.8
WAUKEGAN	MAX	80	82	63	63	61	70	63	59	65	72	69	69	56	57	62	82	81	86	80	59	70	57	54	59	58	58	72	65	77	84	84	68.3
	MIN	62	62	36	33	32	51	54	51	51	43	52	46	39	48	39	54	54	54	47	56	42	38	45	45	42	32	33	53	48	47	48	46.5
WHEATON COLLEGE	MAX	81	81		53	59	69	64	58	66	70	65	64	58	63	69	80	85	85	78	69	72	60	54	57	56	60	73	74	75	83	83	68.8
	MIN	66	63	38	34	33	50	50	46	52	52	51	45	37	47	44	51	55	52	55	47	42	46	47	43	30	37	51	48	44	49	56	47.1
WHITE HALL 1 E	MAX	83	84	82	61	63	75	72		72	75	81	76	78	85	82	87	87	85	85	82	75	72	69	64	65	69	85	83	83	88	87	77.8
	MIN	62	63	48	36	32	54	53	51	45	39	49	44	40	52	47	57	50	52	48	49	38	46	48	43	31	46	61	49	44	53	54	47.9
WINDSOR	MAX	82	75	70	56	62	72	72	57	58	72	76	70	68	80	78	83	86	84	83	75	74	68	58	56	62	59	79	79	78	85	84	72.3
	MIN	61	60	44	37	33	45	54	50	48	44	50	44	39	52	45	53	55	53	50	49	42	49	45	38	33	39	45	57	49	51	58	47.5

Table 6

EVAPORATION AND WIND

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Carbondale Sewage	EVAP	*	.07	.06	.19	.01	.18	*	.21	.16	.07	*	.10	.21	-	*	.08	.22	.10	.10	.04	*	.19	.04	.02	.08	.18	.10	.03	.12	.08	.11	2.84B
	WIND	26	4	33	27	30	10	70	87	43	20	22	21	17	60	44	6	10	10	12	30	38	18	6	20	15	11	90	100	72	8	50	1010
Rockford 4 NE	EVAP	.04	.10	.14	*	*	.36	.30	.03	.04	.09	.12	.14	.15	.07	.10	.11	.16	.16	.20	*	.31	.11	.12	.08	.04	.08	.12	.10	.12	.20	.17	3.76
	WIND	59	51	73	*	37	58	104	68	11	24	18	52	51	21	20	25	56	37	70	*	37	21	8	41	32	29	56	7	23	57	61	1207
Springfield WB AP	EVAP	.07	.17	.19	.29	.19	.18	.27	.08	.07	.10	.16	.26	.25	.20	.21	.16	.26	.23	.13	.25	.17	.13	.11	.09	.08	.15	.11	.16	.17	.16	.28	5.33
	WIND	81	91	164	155	86	94	194	104	130	[illegible]	68	117	92	95	80	70	110	50	16	152	54	31	87	115	9	56	137	69	50	60	125	2830
Urbana Eng Campus	EVAP	.05	.07	.10	.12	.08	.13	.04	.00	.02	.05	.10	.09	.10	.09	.08	.15	.06	.06	.09	.09	.15	.05	.04	.04	.04	.08	.03	.06	.07	.07	.15	2.35
	WIND	16	12	36	17	16	45	19	27	21	18	21	29	27	22	28	44	15	13	6	29	40	16	18	19	10	30	59	19	11	26	25	734

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	447		6P	Mrs. [illegible] Filer	3
[illegible]	[illegible]	[illegible]	[illegible]	41 12	90 45	739	8P	6P	[illegible]	2 3 5
[illegible]	0082	Warren	[illegible]	41 03	90 34	[illegible]		MID	Municipal Wtr Wks	3 4
[illegible]	[illegible]	[illegible]		[illegible]	90 11	432	MID	7A	Corps of Engineers	2
[illegible] SE	[illegible]	[illegible]		[illegible] 28	[illegible] 15	629	7P	7P	J[illegible] Hartline	2 3 7
[illegible]	[illegible]	Henry	6	[illegible]	[illegible]	620		5P	[illegible]	3
[illegible]	0203	Lake	[illegible]	[illegible]	88 06	770	7P	7P	Roy [illegible] Kufalk	2 3 5 7
[illegible]	0330	[illegible]	[illegible]	40 14	90 57	680		MID	[illegible]	3 4
[illegible]	[illegible]	[illegible]	1	41 45	88 20	744	7P	7P	Phy's Dept Aurora [illegible]	2 3 5 7
[illegible]	[illegible]	[illegible]	4	39 41	91 ?3	640		5P	Wm. G. McNeal	3
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	444		7A	Otto O. Swope	3
[illegible] Dam	[illegible]	[illegible]	[illegible]	39 56	90 32	434		MID	Corps of Engineers	3 4
[illegible]	[illegible]	St. Clair	[illegible]	38 32	89 51	[illegible]	MID	MID	U S Air Force	2 3 4 5 7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77?		MID	Edgar F. Bruns	3 4
[illegible]	[illegible]	[illegible]	4	[illegible]	91 07	[illegible]		6P	Roy H. Gittens	3
[illegible]	[illegible]	Franklin	4	[illegible]	[illegible]	474		6P	Benton Water Dept.	3
[illegible]	[illegible]	[illegible]	1	40 30	39 01			7A	[illegible] Williams	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89 00	830	4P	4P	[illegible]	2 3 5 7
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible] 33	467		6P	[illegible]	3
[illegible] CAA AP	[illegible]	[illegible]	1	41 [illegible]	89 3?	79?		MID	U S Civil Aero Adm	3 4
[illegible]	[illegible]	Massac	5	[illegible]	[illegible]	33?		6A	Corps of Engineers	3
[illegible] WB [illegible]	[illegible]	Alexander	[illegible]	37 00	89 10	314	MID	MID	U S Weather Bureau	2 3 4 5 7
[illegible]	[illegible]	[illegible]	1	40 23	90 20	540		MID	[illegible] Engr Wtr Supt	3 4
[illegible]	[illegible]	[illegible]	1	40 34	[illegible]	[illegible]		6P	Floyd D. Hammond	3
[illegible]	[illegible]	[illegible]	1	[illegible]	89 12	420	7P	7A	Harold U. Hill	2 3 5 6
[illegible]	[illegible]	[illegible]	1	[illegible] 17	[illegible]	617		6P	Henry B. Hoelting	2 3 7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89 22	[illegible]	7P	7P	Thomas A. Murphy	2 3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	399		8A	[illegible] A. Kirkenbach	3
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible] 54	520		MID	U S Soil Cons Serv	3 4
[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]		6P	Walter A. Newlin	3
[illegible]	1386	Marion	2	[illegible]	89 12	494		6P	Edgar V. Cavanaugh	3
[illegible]	[illegible]	[illegible]	1	40 03	[illegible]	464		6P	[illegible] Upp	3
[illegible]	1420	Grundy	1	41 24	88 17	[illegible]		[illegible]	Corps of Engineers	3
[illegible]	[illegible]	[illegible]	[illegible]	39 30	88 11	[illegible]	[illegible]	6P	William H. Dykes	2 3 5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 14	713		MID	Mrs. Susan Jefferis	
[illegible]	[illegible]	Randolph	1	[illegible]	[illegible]	[illegible]		7	[illegible] Martin	3
[illegible]	[illegible]	Cook	[illegible]	41 40	87 36	593		MID	Chgo Sanitary Dist	3 4
[illegible]	[illegible]	Cook	[illegible]	41 30	87 38	[illegible]		7P	Alfred J. [illegible]	2 3 5
[illegible]	[illegible]	Cook	[illegible]	[illegible]	[illegible] 40	[illegible]		MID	City Engr Wtr Purif	3
[illegible] Loyola Un[illegible]	[illegible]	Cook	[illegible]	[illegible]	87 40	[illegible]		MID	Chgo Sanitary Dist	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		MID	City Engr Wtr Purif	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87 42	[illegible]		MID	Chgo Sanitary Dist	4
[illegible]	[illegible]	[illegible]	[illegible]	41 42	87 38	[illegible]		MID	City Engr Wtr Purif	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	602		MID	Chgo Sanitary Dist	3
[illegible]	[illegible]	Cook	[illegible]	[illegible]	[illegible]	[illegible]		MID	Chgo Sanitary Dist	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			MID	City Engr Wtr Purif	4
[illegible]	[illegible]	Cook	[illegible]	41 55	87 41	630		MID	City Engr Wtr Purif	[illegible]
[illegible]	[illegible]	Cook	[illegible]	41 47	87 36	[illegible]	[illegible]	MID	Univ of Chicago	[illegible]
[illegible]	[illegible]	Cook	[illegible]	41 47	87 44	[illegible]	MID	MID	U S Weather Bureau	2 4 7
[illegible]	[illegible]	Cook	[illegible]	[illegible]	[illegible]	[illegible]	MID	MID	U.S. Weather Bureau	[illegible]
[illegible]	1627	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		6P	David H. Dugan	3
[illegible]	[illegible]	Cook	[illegible]	41 51	87 46	[illegible]	7P	7P	[illegible]	2 3
[illegible]	[illegible]	Wayne	[illegible]	38 31	88 [illegible]	[illegible]		MID	Pure Oil Company	3 4
[illegible]	17??	De Witt	1	40 06	88 [illegible]	736		6P	[illegible] Corrington	3
[illegible]	1825	[illegible]	[illegible]	[illegible] 40	[illegible]	[illegible]		MID	Norman E. Evanko	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 36	[illegible]		MID	Harley [illegible] Isom	3 4
Crete	[illegible]	Will	[illegible]	41 27	87 38	67?		MID	Village of Crete	3 4
[illegible]	[illegible]	Vermilion	[illegible]	40 08	[illegible]	[illegible]	7P	7P	[illegible]	2 3 5 7
Danville [illegible]	[illegible]	Vermilion	[illegible]	40 08	87 39	57?		MID	Lakeview Hospital	3 4
Danville [illegible]	[illegible]	Vermilion	7	40 08	87 39	555		[illegible]	Ben Hart	3
[illegible]	2193	[illegible]	1	[illegible]	[illegible]	68?	7P	7P	[illegible]	3 5 7
Des Plaines [illegible]	[illegible]	Cook	1	[illegible]	87 55	704		4P	[illegible] Honemann	3
[illegible]	2330	[illegible]	7	39 22	88 08	660		MID	[illegible] Reed	3 4
[illegible]	[illegible]	[illegible]	[illegible]	41 50	89 29	696	6P	6P	William W. Shuck	2 3 5 7
[illegible]	[illegible]	[illegible]	1	[illegible] 47	90 05	[illegible]		MID	Willard D. Staggs	3 4
[illegible]	[illegible]	McLean	1	[illegible]	88 51	794		MID	Adm [illegible] Devine	3 4
Du Quoin	[illegible]	Perry	1	38 01	89 14	468	6P	6P	[illegible] H. Roetzger	2 3 5
[illegible]	2497	Livingston	1	41 06	88 25	641		6P	J. Frank [illegible]	3
Dwight [illegible] Reformatory	[illegible]	Livingston	[illegible]	41 05	88 28	641		MID	St. Ref. for Women	3 4
[illegible]	[illegible]	[illegible]	4	[illegible] 17	90 ?7	413	7P	7A	Union [illegible] of Ill	2 3 5
Edwardsville	[illegible]	Madison	4	[illegible]	89 58	554		6P	Arthur W. Jaggers	3
[illegible]	[illegible]	Effingham	7	39 09	88 32	612	MID	MID	U S Civil Aero Adm	2 3 4 5 7
[illegible]	2736	Kane	1	42 02	88 17	729		7P	W. G. [illegible]eckner	3
[illegible]	2750	Hardin	[illegible]	37 ?7	88 18	357		5P	U S Forest Ranger	2 3 5
[illegible]	2800	Jersey	[illegible]	38 ?7	90 2?	42?		5P	The Principia Coll	3
[illegible]	[illegible]	Cook	[illegible]	42 [illegible]	87 41	62?		MID	Chgo Sanitary Dist.	3 4
Fairbury Water W[illegible]	[illegible]	Livingston	1	40 44	88 31	691		MID	Dept of Wtr Works	3 4
Fairfield	29?1	Wayne	7	38 23	88 22	451	6P	6P	H. D. Willard	2 3 5
Farmer City	2993	De Witt	1	40 14	88 38	732		MID	Roy Neal	3 4
Flora	3109	Clay	7	38 40	88 29	490	6P	6P	Clay County Hospital	2 3 5
Freeport	32?7	Stephenson	6	42 18	89 37	762	7P	7P	John Schroder	2 3 5
Freeport Sewage Plant	3262	Stephenson	6	42 17	89 36	751		7A	Sewage Treatment Pl	3 4
Fulton Dam 13	3290	Whiteside	4	41 54	90 09	592	5P	8A	Corps of Engineers	2 3 4 5
Galatia 1 W	3304	Saline	5	37 51	88 37	410		MID	Josephine Harris	3 4
Galena	3312	Jo Daviess	4	42 25	90 26	603		6P	Orrin A. Merrifield	3
Galesburg	332?	Knox	1	40 57	90 22	780	MID	5P	James Barrett	2 3 5
Galva	3335	Henry	1	41 10	90 02	849	6P	6P	Arthur F. Johnson	2 3 5 7
Geneseo	3384	Henry	6	41 27	90 09	639		6P	Mrs. M. J. Bessant	3
Gibson City	341?	Ford	1	40 28	88 23	753		6P	Edward [illegible] Bergstrom	3
Gladstone Dam 18	3455	Henderson	4	40 50	91 04	538		8A	Corps of Engineers	3
Glendale Exp. Farm	348?	Pope	5	37 26	88 41	500		MID	U.S. Soil Cons. Serv	3 4
[illegible] Dam [illegible]	3?92	Pope	[illegible]	37 22	88 29	354	MID	6A	Corps of Engineers	2 3 4 5 7
Golden	3530	Adams	1	40 06	91 01	725		6P	G. W. Nethery	3
Grafton	3572	Jersey	4	38 58	90 26	404		7A	John A. DeSherlia	3
Grand Tower 2 N	359?	Jackson	4	37 40	89 30	367		3P	John A. Dickson	3
Greenfield	3666	Greene	1	39 20	90 12	556		MID	Fred S. Pewter	3 4
Greenup	3683	Cumberland	7	39 15	88 10	554		4P	Ettelbrick Shoe Co.	3
Greenville	3693	Bond	2	38 53	89 24	563	7P	7P	Deane J. McAlister	2 3 5 7
Gridley	3709	McLean	1	40 45	88 53	752		6P	Ezra D. Stoller	3
Griggsville	3717	Pike	1	39 43	90 44	685	6P	6P	Mrs. Ellen B. Harvey	2 3 5
Hardin	3850	Calhoun	1	39 09	90 37	706		6P	A. B. Campbell	3
Harrisburg	3879	Saline	5	37 44	88 32	366	6P	6P	Clyde Pittman	2 3 5 7
Harrisburg Disposal Pl.	3884	Saline	5	37 44	88 31			6A	W. Harrison Kibler	3
Havana	3930	Mason	1	40 18	90 03	451	7P	7P	L. L. Eutenauer	2 3 5
Havana No. [illegible]	3940	Mason	1	40 18	90 04	460		7A	Ewald R. Trimpe	3
Henry	4017	Marshall	1	41 07	89 22	491	7P	7P	C. Haddon Perdew	2 3 5 7
Hillsboro	41?8	Montgomery	2	39 09	89 29	626	6P	6P	H. A. Cress Jr.	2 3 5
Hoopeston	419?	Vermilion	7	40 28	87 40	717	6P	6P	Charles S. Flexman	2 3 4 5
Hudson [illegible] Bloomington	4?69	McLean	1	40 40	88 56	740		MID	Ill State Wtr Sur	3 4
Hutsonville	4312	Crawford	7	39 07	87 40			MID	Ed S. Dry	3 4
Hutsonville Pwr Plant	4317	Crawford	7	39 06	87 40			7A	Ill Public Serv Co	3
Illinois City Dam 16	4355	Rock Island	4	41 25	91 01	554		8A	Corps of Engineers	3 4
Jacksonville	4442	Morgan	1	39 44	90 14	607	6P	6P	Norbury Sanatorium	2 3 5
Jacksonville Sewage Pl	4447	Morgan	1	39 44	90 14	575		MID	Municipal Sew Tr	3 4
Jerseyville [illegible]	4489	Jersey	1	39 07	90 20	635	6P	6P	Edwin M. Porter	2 3 5
Joliet Brandon Rd Dam	453?	Will	1	41 30	88 06	543		7A	Corps of Engineers	3
Joliet WB Airport	453?	Will	1	41 30	88 10	584	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Kankakee	4593	Kankakee	1	41 07	87 52	631	7P	7P	Kankakee Water Co.	2 3 5 7
Kankakee 1 NW	4598	Kankakee	1	41 08	87 56	620	6P	6P	M. A. Durand	2 3 5
Kankakee Sewage Plant	46?3	Kankakee	1	41 08	87 53	642		MID	Mun Sewage Trt Pl	3 4
Keithsburg	46?5	Mercer	4	41 06	90 57	540		8A	Alfred M. Norris	3
Kewanee	471?	Henry	1	41 14	89 55	853	6P	6P	Cassius C. Conger	2 3 5
Kewanee Baker Park	4715	Henry	1	41 15	89 54	800		MID	Bennett E. Rose	3 4
Kickapoo	4729	Peoria	1	40 47	89 45			9A	CLOSED - - - - -	10/21/50
La Harpe 1 SW	4823	Hancock	1	40 35	90 58	691	6P	6P	Kent Campbell	2 3 5 7
Lanark	4879	Carroll	4	42 06	89 50	883		MID	William E. Aurand	3 4
La Salle	4922	La Salle	1	41 20	89 06	522	7P	3P	Westclox GTI Corp.	2 3 5
Lawn Ridge	4951	Marshall	1	40 58	89 38	828		MID	CLOSED - - - -	10-24-50
Lawrenceville	4959	Lawrence	7	38 44	87 41	472		6P	Frank Bray	3
Leroy	5036	McLean	1	40 21	88 46	780		7P	O. J. Lere	3
Lincoln	5079	Logan	1	40 09	89 22	591	7P	7P	John Zurkammer Jr.	2 3 5 7
Lincoln No. 2	5084	Logan	1	40 09	89 21	600		7A	George L. Smith	3
Lockport Lock & Dam	[illegible]	Will	1	41 34	88 05	[illegible]		MID	Corps of Engineers	3 4
Lockport Power House	[illegible]	Will	1	41 34	88 0?	585		MID	Chgo Sanitary Dist.	3 4
Louisville	5216	Clay	7	38 46	88 30	480		MID	Carl [illegible] Farrell	3 4
Mackinaw	5272	Tazewell	1	40 32	89 21	646		6P	[illegible] Hartzel	3
Macomb	5280	McDonough	1	40 28	90 40	702		6P	W. S. Newell	3
Marengo	5326	McHenry	6	42 1?	88 36	819	6P	6P	Frank J. Mack	2 3 5 7
Marietta	5331	Fulton	1	40 30	90 21	546		MID	Joseph [illegible] McCance	3 4
Marion	5342	Williamson	4	37 44	88 55	448		5P	C. N. Danielson	3
Maroa	5364	Macon	1	40 02	88 57	725		MID	Nelson R. Smith	3 4
Marseilles Lock	5372	La Salle	1	41 20	88 45	48?		7A	Corps of Engineers	3
Marshall	5380	Clark	7	39 23	87 42	60?		6P	[illegible] Kammacher	3
Mascoutah	5405	St. Clair	2	38 29	89 48	425		5P	Dr. Robt. F. Lischer	3
Mason City	5413	Mason	1	40 12	89 42	581		MID	Charles Flinspach	3 4
Mattoon	5440	Coles	7	39 28	88 ?1	718	MID	MID	[illegible] Ill Pub Serv Co	2 3 5
McHenry	5493	McHenry	1	42 21	88 16	750		MID	Fred C. Feltz	3 4
McHenry 2 S	5498	McHenry	1	42 19	88 15	742		6P	John J. Barnings	3
McLeansboro	[illegible]	Hamilton	5	38 05	88 32	500	6P	6P	F. G. Frazier	2 3 5
Medora	5539	Macoupin	1	39 10	90 08	622		7P	M. F. Dodge	3
Minonk	5712	Woodford	1	40 54	89 02	751	7P	7P	City of Minonk	2 3 5
Moline WB Airport	5751	Rock Island	6	41 27	90 31	589	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Monmouth Airport	5768	Warren	4	40 55	90 38	770	6P	6P	Martin Airways Inc.	2 3 5 7
Monticello	5791	Piatt	1	40 02	88 34	659		4P	C. H. Wittig	3
Morris	5820	Grundy	1	41 21	88 26			7A	Roy Webb	3
Morris 3 NE	5825	Grundy	1	41 2?	88 22	549	6P	6P	Donald M. Pyatt	2 3 5
Morrison	5833	Whiteside	6	41 49	89 58	670	7P	7P	Ralph [illegible] Green	2 3 5 7
Morrisonville	5841	Christian	1	39 25	89 27	636		MID	Frank A. Lowis	3 4
Morrisonville 1 E	5846	Christian	1	39 25	89 26	633	7P	7P	[illegible] R. Lewis	2 3 5 7
Mount Carmel	5858	Wabash	7	38 25	87 46	465	6P	7A	Frank D. Talley	2 3 5 7
Mount Carmel Water Wk	5893	Wabash	7	38 25	87 45	424		MID	Mt Carmel Wtr Wks	3 4
Mount Carroll	5901	Carroll	4	42 05	89 58	817	7P	7P	[illegible] Murray	2 3 5
Mount Olive	5917	Macoupin	4	39 04	89 43	681		6P	Henry W. Johnson	3
Mount Pulaski	5927	Logan	1	40 00	89 17	687		5P	Alva [illegible]	3
Mount Sterling	5935	Brown	1	39 59	90 46	711		7P	F. E. Sahland	3
Mount Vernon 4 N	5943	Jefferson	4	38 2?	88 55	590	6P	7A	Radio Station WMIX	2 3 5 7
Murphysboro Water Works	5983	Jackson	4	37 46	89 19	420		MID	Murphysboro Wtr Co	3 4
Nashville 2 NW	6011	Washington	2	38 23	89 25	505		6P	R. E. Schleifer	3
Newark [illegible]	6069	Kendall	1	41 32	88 27	707		6P	Warren S. Gray	3
New Boston Dam 17	6080	Mercer	4	41 11	91 03	548		8A	Corps of Engineers	3
New Boston	6085	Mercer	4	41 10	91 00	571		7A	H. D. Harris	3
New Burnside	6093	Johnson	5	37 35	88 46	560	7P	7P	Miss Mae McCabe	2 3 5
Newton	6159	Jasper	7	39 00	88 10	513	6P	6P	James W. Wells Jr.	2 3 4 5
Olney Radio Station	641?	Richland	7	38 42	88 04	472	5P	5P	Radio Station WVLN	2 3 5 7
Oregon	6490	Ogle	6	42 01	89 20	700		MID	Carnation Company	3 4
Oregon State Hosp	6492	Ogle	6	42 01	89 20	702		8A	Alan Grant	3
Ottawa	6526	La Salle	1	41 22	88 50	474	7P	7P	John A. Beed	2 3 5 7
Palestine	6558	Crawford	7	39 00	87 37	514	7P	7P	H. M. Gaddis	2 3 5
Pana	6579	Christian	2	39 23	89 05	696	7P	7P	C. E. Schumacher	2 3 5
Paris Sewage Plant	6605	Edgar	7	39 37	87 41	735		MID	City of Paris	3 4
Paris Water Works	6610	Edgar	7	39 38	87 42	739	7P	7P	City of Paris	2 3 5
Paw Paw	6661	Lee	1	41 41	88 59	928		5P	W. A. Woods	3
Payson	6670	Adams	4	39 49	91 14	640		3P	Edith A. Robbins	3
Peoria Lock & Dam	6706	Peoria	1	40 37	89 39	445		MID	Corps of Engineers	3 4
Peoria WB Airport	6711	Peoria	1	40 40	89 41	654	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Peotone	6725	Will	1	41 20	87 48	722		2P	Miss Mina Cuti	3
Peru	6751	La Salle	1	41 20	89 08			7A	CLOSED	8-11-50
Petersburg	6760	Menard	1	40 01	89 51	524		4P	Frank B. Rainey	3
Piper City	6819	Ford	1	40 45	88 11	670		MID	Isaac B. Griffith	3 4
Pittsfield Water Works	6833	Pike	4	39 39	90 48	724		MID	Raymond T. Loyd	3 4
Pleasant Hill 2 E	6861	Pike	4	39 27	90 50	540		6P	Lou Galloway	3
Pontiac	6910	Livingston	1	40 53	88 37	647	6P	6P	Roger Williams	2 3 5 7
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		MID	Lewis Tebeau	3 4
Princeton 1 S	6996	Bureau	1	41 21	89 28	700		MID	Miles W. Bryant	3 4
Princeville 2 NW	7004	Peoria	1	40 57	89 47	745		6P	Frank S. Stewart	3
Prophetstown	7014	Whiteside	6	41 40	89 56	625		MID	Ill Northern Ut Co	3 4
Quincy	7067	Adams	4	39 57	91 24	601	7P	7P	A. H. Gibson	2 3 5
Quincy CAA AP	7072	Adams	4	39 56	91 11	670	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Quincy Dam 21	7077	Adams	4	39 54	91 26	483		8A	Corps of Engineers	3 4
Quincy Memorial Bridge	7082	Adams	4	39 56	91 24			7A	Melvin Brinkoetter	3
Rantoul Chanute AF Base	7150	Champaign	7	40 18	88 09	744	MID	MID	U S. Air Force	2 3 4 5 7
Red Bud	7157	Randolph	2	38 13	90 00	444		5P	Dr. H. Le Saulnier	3
Richview	7244	Washington	2	38 22	89 11	544		MID	Mrs. Mabel F. Martin	3 4
Roberts 3 N	7336	Ford	7	40 40	88 11	786	7P	7P	R. E. Bradbury	2 3 5 7
Rochelle	7349	Ogle	6	41 55	89 04	798		3P	California Pkg Corp	3
Rockford	737?	Winnebago	6	42 15	89 05	720	6P	6P	F. W. Knowlton	2 3 5
Rockford CAA AP	7380	Winnebago	6	42 21	89 01	743	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Rock Island Dam 15	7388	Rock Island	4	41 31	90 34	568		8A	Corps of Engineers	3
Rockport	7400	Pike	4	39 32	91 00	470		6P	Harry Williams	3
Rushville	7551	Schuyler	1	40 07	90 34	683	6P	6P	Gain Bros. Greenhse	2 3 5
Ste Marie	7603	Jasper	7	38 56	88 01	448		7A	Judson E. Cameron	3
Salem	7636	Marion	2	38 37	88 57	544		5P	Frank G. Brown	3
Shawneetown New Town	7859	Gallatin	5	37 43	88 10	350		6A	Jake H. Stewart	3
Sidell	7952	Vermilion	7	39 55	87 49			7A	Cary Lane	3
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		MID	Chgo Sanitary Dist.	3 4
Sparta	8174	Randolph	4	38 08	89 42	538	6P	6P	Howe V. Morgan	2 3 5 7
Springfield WB Airport	8179	Sangamon	1	39 50	89 40	587	MID	MID	U.S. Weather Bureau	2 3 4 5 6 7
Springfield WB City	8184	Sangamon	1	39 48	89 39	598	MID	MID	U.S. Weather Bureau	2 3 4 5
Stickney W S Treat Wks	8278	Cook	1	41 49	87 46	636		MID	Chgo Sanitary Dist.	3 4
Stockton	8293	Jo Daviess	4	42 ?1	90 00	1000	5P	5P	E. A. Curtiss	2 3 5 7
Streator	8353	La Salle	1	41 07	88 50	625		7P	H. W. Prafcke	3
Sullivan Water Works	8389	Moultrie	2	39 34	88 37	686		MID	A. B. Fultz	3 4
Sycamore	8452	De Kalb	6	41 59	88 41	840	8P	8P	Frank C. Dean	2 3 5 7
Table Grove	8460	Fulton	1	40 22	90 26	734	7P	7P	C. A. Hammond	2 3 5 7
Taylorville	8491	Christian	1	39 33	89 18	634		6P	John W. Coale	3
Tiskilwa	8604	Bureau	1	41 18	89 30	512		6P	Orville L. Weaver	3
Toulon	8630	Stark	1	41 06	89 52	752		5P	Ernest R. Robson	3
Tuscola	8684	Douglas	7	39 48	88 17	653	6P	6P	Perry Stackhouse	2 3 5 7
Urbana	8740	Champaign	7	40 08	88 13	743	7P	7P	State Water Survey	2 3 5
Urbana Exp. Farm	8745	Champaign	7	40 06	88 15			MID	U.S. Soil Cons Serv	3 4
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730		7A	State Water Survey	3 6
Utica Starved Rock Dam	8756	La Salle	1	41 19	88 59	464		7A	Corps of Engineers	3
Vandalia	8781	Fayette	2	38 58	89 07	503		9A	Ernest E. Bricker	3 4
Virden	8860	Macoupin	1	39 30	89 46	674	6P	6P	E. M. Watkins	2 3 5
Walnut	8916	Bureau	6	41 33	89 35	714	6P	6P	Carl F. Nelick	2 3 5
Warsaw	8976	Hancock	4	40 21	91 26	490		5P	Charles Ewing	3
Washington	8990	Tazewell	1	40 42	89 25	740		MID	Mrs. J. J. Longley	3 4
Waterloo	9002	Monroe	4	38 20	90 09	717		4P	E. H. Wolf	3
Waterman	9010	De Kalb	1	41 46	88 46	779		MID	Wm. Ray Clarke	3 4
Watseka	9021	Iroquois	1	40 46	87 44	634	7P	7P	Benjamin Jordan	2 3 5
Waukegan	9029	Lake	3	42 21	87 51	668	7P	7P	R. W. Flagg	2 3 5
Wayne City	9040	Wayne	7	38 21	98 35	385		7A	Paul F. Nichols	3
Wenona	9090	Marshall	1	41 03	89 03	700		MID	Leonard H. Foley	3 4
West Frankfort 8 E	9140	Franklin	4	37 54	88 48	480		MID	Ill State Wtr Surv	3 4
Wheaton College	9221	Du Page	1	41 52	88 06	753		6P	Wheaton College	2 3 5
White Hall 1 E	9241	Greene	1	39 26	90 23	578	5P	5P	Oscar Watt	2 3 5 7
Wilcox	9274	Clay	7	38 38	88 18			7A	E. Lowell Routt	3
Windsor	9354	Shelby	2	39 26	88 36	685	6P	6P	Nina M. Ryherd	2 3 5

NEW STATIONS

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Obs. time Temp.	Obs. time Precip.	Observer	Refer to tables
Rockford 4 NE	7377	Winnebago	6	42 17	88 59	850		7A	Mrs. D. S. Cummings	3 6
ø La Salle 1 S	4923	La Salle	1	41 19	89 06			7A	Arthur J. Fischer	3
Avon	0356	Fulton	1	40 40	90 26	641		6P	Edwin D. Babbitt	3
Edelstein	2642	Peoria	1	40 57	89 38				Russell Peck	3 4

ø Gage moved from Peru. La Salle 1 S record will be a continuation of Peru record.

‡ Drainage code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

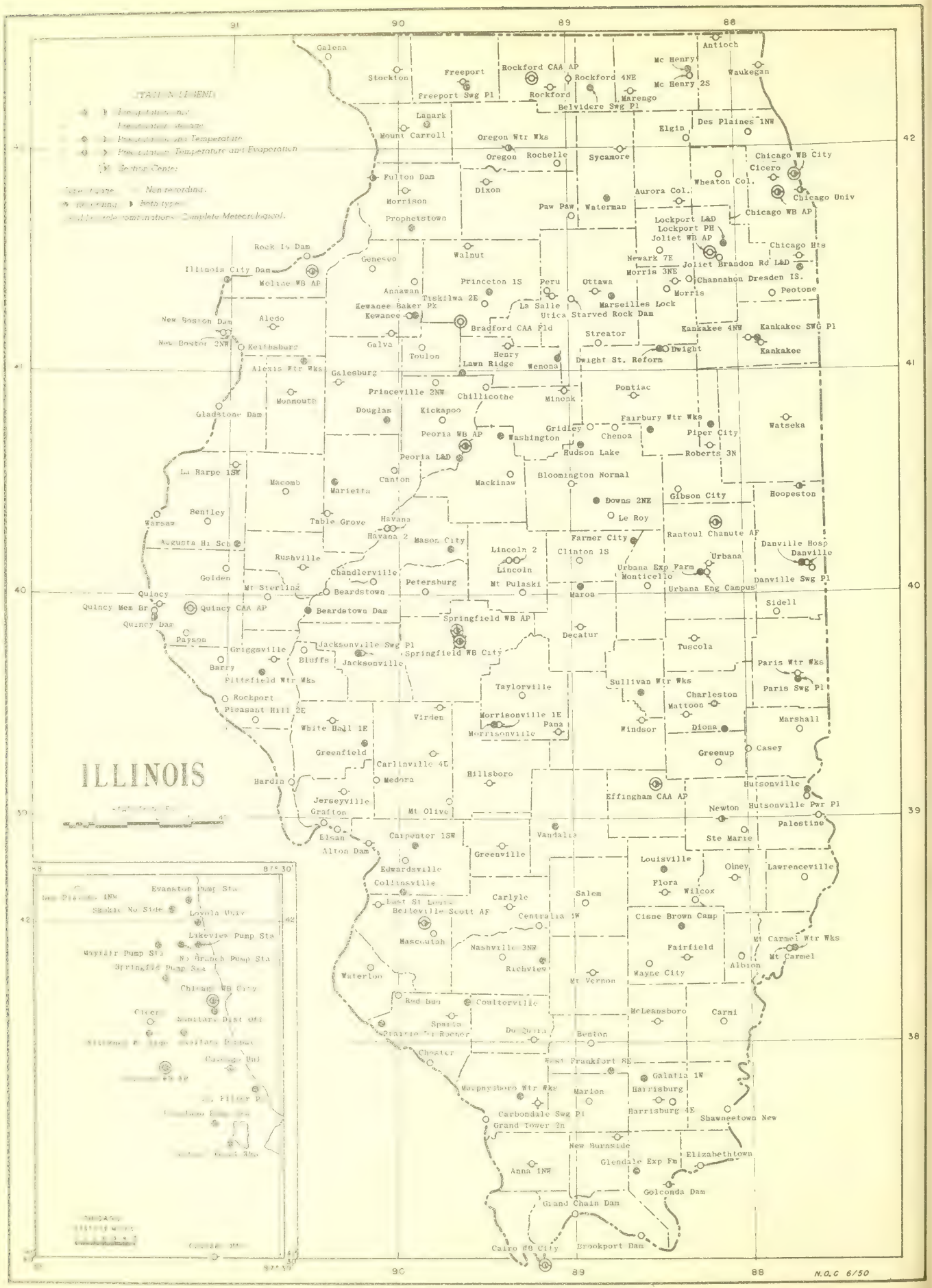
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

-	No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo. -- 12-6-50 -- 1160


ILLINOIS
Galena
Stockton
Freeport
Freeport Swg Pl
Rockford CAA AP
Rockford 4NE
Rockford
Marengo
Belvidere Swg Pl
Antioch
Mc Henry
Mc Henry 2S
Waukegan
Lanark
Mount Carroll
Oregon Wtr Wks
Oregon
Rochelle
Sycamore
Elgin
Des Plaines 1NW
Chicago WB City
Cicero
Wheaton Col.
Chicago Univ
Fulton Dam
Morrison
Dixon
Aurora Col.
Paw Paw
Waterman
Chicago WB AP
Prophetstown
Lockport L&D
Lockport PH
Joliet WB AP
Chicago Hts
Rock Is Dam
Geneseo
Walnut
Newark 7E
Joliet Brandon Rd L&D
Illinois City Dam
Moline WB AP
Annawan
Princeton 1S
Peru
Ottawa
Morris 3NE
Channahon Dresden IS.
Morris
Peotone
Tiskilwa 2E
Kewanee Baker Pk
Kewanee
La Salle
Utica
Starved Rock Dam
Marseilles Lock
New Boston Dam
New Boston 2NW
Aledo
Bradford CAA Fld
Streator
Kankakee 4NW
Kankakee SWG Pl
Kankakee
Galva
Toulon
Henry
Lawn Ridge
Wenona
Dwight St. Reform
Dwight
Alexis Wtr Wks
Galesburg
Princeville 2NW
Chillicothe
Minonk
Pontiac
Monmouth
Gladstone Dam
Douglas
Kickapoo
Fairbury Wtr Wks
Watseka
Peoria WB AP
Washington
Gridley
Chenoa
Piper City
Peoria L&D
Hudson Lake
Roberts 3N
La Harpe 1SW
Macomb
Canton
Mackinaw
Bloomington Normal
Gibson City
Hoopeston
Bentley
Warsaw
Table Grove
Havana
Havana 2
Le Roy
Augusta Hi Sch
Mason City
Farmer City
Rantoul Chanute AP
Danville Hosp
Danville
Rushville
Lincoln 2
Clinton 1S
Urbana
Golden
Chandlerville
Lincoln
Urbana Exp Farm
Monticello
Danville Swg Pl
Mt Sterling
Petersburg
Mt Pulaski
Maroa
Urbana Eng Campus
Quincy
Quincy Mem Br
Quincy CAA AP
Beardstown
Beardstown Dam
Sidell
Quincy Dam
Springfield WB AP
Decatur
Payson
Griggsville
Jacksonville Swg Pl
Springfield WB City
Tuscola
Barry
Bluffs
Jacksonville
Paris Wtr Wks
Pittsfield Wtr Wks
Taylorville
Sullivan Wtr Wks
Paris Swg Pl
Rockport
Charleston
Pleasant Hill 2E
Virden
Morrisonville 1E
Mattoon
Marshall
White Hall 1E
Morrisonville
Pana
Windsor
Diona
Greenfield
Carlinville 4E
Greenup
Casey
Hillsboro
Hardin
Medora
Hutsonville
Effingham CAA AP
Jerseyville
Grafton
Mt Olive
Newton
Hutsonville Pwr Pl
Palestine
Elsan
Carpenter 1SW
Vandalia
Ste Marie
Alton Dam
Greenville
Louisville
Olney
Lawrenceville
Edwardsville
Collinsville
Flora
Wilcox
Carlyle
Salem
Belleville Scott AF
Centralia 1W
Cisne Brown Camp
Mt Carmel Wtr Wks
Mascoutah
Fairfield
Nashville 3NW
Mt Carmel
Albion
Richview
Wayne City
Waterloo
Mt Vernon
Red Bud
Coulterville
McLeansboro
Carmi
Sparta
Du Quoin
Benton
Chester
West Frankfort 8E
Galatia 1W
Murphysboro Wtr Wks
Marion
Harrisburg
Carbondale Swg Pl
Harrisburg 4E
Shawneetown New
Grand Tower 2n
New Burnside
Elizabethtown
Glendale Exp Fm
Anna 1NW
Golconda Dam
Grand Chain Dam
Cairo WB City
Brookport Dam
Evanston Pump Sta
Loyola Univ
Lakeview Pump Sta
Wayside Pump Sta
North Branch Pump Sta
Springfield Pump Sta
Chicago WB City
Cicero Sanitary Dist Off
Chicago Univ
Pillsbury P
90
89
88
42
41
40
39
38
N.O.C 6/50

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

ILLINOIS

NOVEMBER 1950
Volume LV No. 11

KANSAS CITY: 1950

ILLINOIS - NOVEMBER, 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

Wide variations in temperatures featured November's weather, but on the whole the month was very cold. The mean temperature for the State was 36.5°, or 5.7° below normal, colder than any November since 1911. East Saint Louis and Flora each registered 86° on the 1st, while Freeport's temperature dropped to 12° below zero on the 24th. The northern and west-central portions of the State were rather dry, but rainfall was heavy near the Wabash and Ohio Rivers, precipitation for the State averaging 2.82 inches, or 0.20 inch above normal. Total precipitation at individual stations ranged from 0.58 inch at Avon to 8.94 inches at Lawrenceville. Snowfall during the month averaged 3.1 inches, more than double the November normal. Sunshine was deficient during November.

Unseasonably high temperatures prevailed as the month began, continuing a warm spell which began in late October. Nearly all of the State reached the 80's on the 1st, setting new records for the month at many stations. A cold air mass pushed through the State on the night of the 1st, however, and dropped temperatures under normal for the next few days. By the 4th or 5th killing frosts were reported in all sections of the State which had escaped freezing temperatures earlier in the season. Warmer air began moving into Illinois on the 5th and milder temperatures prevailed through the 7th. Scattered showers occurred during the first four days of the month, but precipitation amounts were mostly light. Many northern and central localities had snow flurries on the 3d or 4th.

A second surge of cold air brought temperatures down on the 8th, and unseasonably cold weather covered the State through the 13th. The 10th and 11th were especially cold, with minimum temperatures on the morning of the 11th between 10° and 20° in nearly all areas. Precipitation, mainly in the form of rain, covered the State between the 7th and 10th, the heavier amounts occurring in the south.

Temperatures rose above seasonal values again on the 14th and remained warm through the 19th, with the exception of brief cooling on the 17th. Maximum readings in the 60's were common on the 15th, and near the Mississippi River some central and northern localities reached the 70's. General showers brought light to moderate precipitation on the 15th. Rain, followed by light snow in the north and central sections, fell on the 19th-20th, the heaviest rainfall occurring mainly in the southeast.

A prolonged cold spell began on the 20th and temperatures remained well below normal, with few exceptions, for the remainder of November. A very cold air mass moved into the State on the 23d, followed by below-zero temperatures in most areas on the 24th or 25th. The minima of the latter dates generally were the lowest ever recorded so early in the season. The cold front passage of the 23d was accompanied by strong winds and snow, making driving conditions hazardous. High winds on the 25th and 26th caused minor property damage in some areas. Most of northern and central Illinois received snow on the 26th, the snow accumulating to several inches in eastern localities and drifting badly. Gradual warming took place during the last few days of November, and temperatures were near normal as the month ended.

The growing season was terminated by freezing temperatures throughout the State on the 4th and 5th, but all major crops had matured by then. Aided by favorable weather conditions during most of the month, the corn harvest proceeded rapidly. Corn picking was completed before the end of November in some central areas and was well along in the remainder of the State except in the extreme southeast, where wet fields delayed harvesting operations. Combining of soybeans and seeding of winter wheat were practically completed early in the month. Grains and grasses entered the winter season in good condition.--GRJ

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65 base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total			
Cairo WB Airport	-	-	9.6	34	SW	20	-	-	-	-	2	4	6	3	2	0	16	5.8	6.6	
Chicago WB Airport	S	15	13.0	47	N	28	74	77	61	68	11	4	5	0	0	0	20	39	7.7	
Joliet WB Airport	S	17	12.9				79	83	64	74	7	3	5	0	0	0	15	-	6.7	
Moline WB Airport	SW	24	11.3	37	NW	9	71	76	54	64	7	3	2	1	0	0	12	42	6.8	See Table 2
Peoria WB Airport	S	18	13.3	41	SE	15	74	79	58	68	8	2	5	2	0	0	17	44	7.2	
Springfield WB Airport	NW	20	15.9	40	NW	28	76	81	59	68	5	2	3	0	1	0	16	46	7.5	

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	44.0	78	20	2.19	0.3	6
1891	36.5	74	- 8	5.06	2.1	12
1892	36.4	75	4	3.48	3.5	9
1893	38.9	78	- 9	2.32	3.0	6
1894	37.7	75	4	1.70	1.4	6
1895	39.3	79	- 6	3.78	6.4	9
1896	41.3	80	- 2	2.81	4.2	9
1897	41.3	78	- 8	4.28	0.1	10
1898	38.3	80	- 6	2.27	3.4	8
1899	46.7	80	13	1.94	2.3	7
1900	41.2	83	2	2.99	1.8	9
1901	38.6	81	4	1.38	0.2	5
1902	48.9	89	9	3.13	1.2	9
1903	38.2	85	2	1.09	1.3	5
1904	43.0	78	11	0.26	T	1
1905	42.3	79	4	2.12	T	6
1906	40.7	78	8	3.95	1.5	7
1907	40.2	73	4	2.33	0.7	5
1908	44.1	84	8	2.76	0.2	7
1909	50.9	85	2	4.09	0.3	8
1910	37.6	81	10	1.19	0.2	4
1911	36.4	84	- 2	3.03	2.3	8
1912	43.0	78	8	1.91	0.1	4
1913	48.4	80	11	3.21	T	9
1914	45.1	85	1	0.67	T	4
1915	45.9	85	10	2.42	1.0	7
1916	44.3	82	5	1.97	0.2	5
1917	43.3	79	9	0.64	0.3	4
1918	43.2	76	13	2.29	T	7
1919	40.7	72	10	3.38	0.4	8
1920	40.7	78	8	1.08	0.1	6
1921	42.9	77	7	3.68	1.7	8
1922	45.1	82	11	2.76	1.0	9
1923	43.9	78	15	1.79	0.1	7
1924	43.5	85	3	1.22	0.4	6
1925	40.0	76	1	3.05	3.2	7
1926	37.9	71	1	3.77	5.7	11
1927	45.9	82	12	4.64	0.6	10
1928	43.5	75	15	3.67	0.3	12
1929	37.9	73	- 8	1.79	1.4	7
1930	43.6	83	-11	2.18	1.4	8
1931	51.2	83	16	4.81	1.0	11
1932	37.4	74	7	1.75	5.1	6
1933	41.8	88	- 2	0.65	0.2	5
1934	47.1	82	16	5.65	T	11
1935	41.1	83	7	4.59	0.2	11
1936	39.5	79	6	2.30	0.9	3
1937	38.9	84	0	1.48	3.2	7
1938	44.8	86	3	2.35	1.3	6
1939	41.9	73	15	1.32	0.1	6
1940	40.2	82	- 3	2.89	1.6	[illegible]
1941	44.2	79	7	2.63	2.4	[illegible]
1942	44.8	80	8	5.12	2.8	12
1943	39.1	79	10	1.75	0.5	[illegible]
1944	44.9	82	12	1.86	0.6	10
1945	42.8	82	9	2.60	0.5	8
1946	45.3	78	11	4.73	T	10
1947	37.6	69	-20	2.40	4.5	10
1948	45.1	79	14	3.45	T	10
1949	44.2	80	3	0.67	0.7	4
1950	36.5	86	-12	2.82	3.1	9
Period	42.1			2.62	1.4	

CLIMATOLOGICAL DATA

Table 2

Station	Temperature									Precipitation								
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days: Max 90° or above	No. of days: Min 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground at obsn	Snow, Sleet, Hail: Date	No. of days: .01 or more	No. of days: .25 or more	No. of days: 1.00 or more
NORTHERN DIVISION																			
Aledo	35.4	-4.9	80	1	- 2	24	879	0	22	.82	-1.29	.36	8	1.5	T	20+	7	1	0
Antioch	33.4	-4.5	77	1	- 5	24	943	0	22	.97	-1.13	.45	15	3.0	3	26+	5	2	0
Aurora College	32.8	-6.3	81	1	- 5	25	973	0	24	1.18	-1.13	.34	20	2.9	2	26+	10	2	0
Chicago Heights	33.1M		80	1	- 7	25	958	0		1.90	- .30	.71	20	5.0	4	26	10	2	0
Chicago University	35.9	-4.2	80	1	0	24	867	0	20	1.74	- .63	.40	19				10	2	0
Chicago WB Airport	34.3	-3.4	81	1	- 2	24	913	0	21	1.63	- .88	.46	26	7.0	3	26	9	4	0
Chicago WB City	36.7	-4.5	79	1	0	24	843	0	19	1.72	- .79	.32	19				11	4	0
Cicero	36.2	-4.7	81	1	- 3	24	865	0	21	1.98	- .17	.43	26	6.4	5	26	11	5	0
Dixon	33.3	-5.6	79	1	- 8	24	945	0	25	1.11	- .96	.48	15	4.1	4	26+	6	2	0
Freeport	32.0	-5.6	77	1	-12	24	986	0	23	1.27	- .84	.42	8	7.6	5	26+	8	3	0
Fulton Dam 13	35.3	-3.7	77	1	- 2	24	883	0	20	1.05	-1.03	.72	9	1.3	3	28	6	1	0
Galesburg	35.1		79	1	0	24	890	0	22	1.03	-1.27	.48	20	1.5	2	23+	6	2	0
Galva	35.0	-4.8	83	1	- 3	24	900	0	24	1.16	-1.02	.58	20	1.5	1	26+	6	1	0
Joliet WB Airport	33.2	-5.5	81	1	- 9	25	946	0	22	1.44	- .84	.43	19	3.3	2	26+	8	3	0
Kankakee	35.3	-5.4	80	1	- 4	24	890	0	21	1.73	- .62	.59	20	4.5	5	26+	7	2	0
Kankakee 4 W	34.6		81	1	- 7	25	913	0	20	2.33	- .01	.73	20	7.0	6	26	10	4	0
Kewanee	32.5M	-7.5	78	1	- 3	24	968	0	25	1.32	- .88	.34	20	5.5			7	3	0
Lacon	34.6		82	1	- 2	25	908	0	21	1.67		.40	20	1.7	1	23+	9	4	0
La Salle	35.2	-5.8	82	1	- 2	25	887	0	22	1.11	- .87	.50	20	3.6			9	2	0
Marengo	32.5	-5.4	77	1	- 6	25	969	0	23	1 05	- .96	.40	15	1.5	2	26	5	1	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station	Temperature							No. of days		Precipitation						No. of days		
														Snow, Sleet, Hail				
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	01 or more	25 or more	100 or more
[illegible]	34.8	-5.8	82	1	- 5	25	904	0	22	2.05	- .12	.70	20	6.0	4	26	9	3	0
[illegible] WB Airp[illegible]	33.8	-3.7	78	1	- 2	24	930	0	23	73	-1.09	.51	8	2.1	1	22	5	1	0
Monmo[illegible] Airp[illegible]	34.3	-6.1	78	1	- 3	24	914	0	22	.78	-1.49	.38	20	1.8	1	22+	6	1	0
Morris 3 NE	35.1	-5.3	82	1	- 9	25	896	0	22	1.08	-1.24	.51	20	1.0	1	26+	6	2	0
Morrison	34.3M	-5.1	80	1	4	24	923	0	22	.77	-1.31	.46	8	3.0	3	26+	5	1	0
Mount Carroll	33.4	-4.4	76	1	- 6	24	943	0	23	1.72	- .50	.78	16	4.4	4	26	8	2	0
Ottawa	36.0	-4.9	83	1	- 2	25	864	0	22	1.34	- .83	.36	19	2.8	3	26	8	3	0
Pontiac	34.6	-7.4	80	1	- 5	25	914	0	21	1.98	- .28	.50	20	7.7	5	26	9	4	0
Rockford	34.4	-4.2	79	1	- 6	24	914	0	22	.89	-1.30	.33	26	5.0	5	27	6	2	0
Rockford CAA AP	31.6	-4.8	78	1	- 7	24	993	0	26	.91	-1.23	.53	8	4.0	3	26	7	2	0
Stockton	31.7		75	1	-10	24	990	0	24	1.18	- .87	.54	16	4.0	[illegible]	26+	7	2	0
Sycamore	32.4	-5.8	78	1	- 6	25	976	0	24	1.75	- .36	.80	15	2.8	3	26+	9	2	0
Walnut	35.2	-4.8	81	1	- 3	24	892	0	22	1.45	- .61	.51	8	2.1			4	4	0
Waukegan	34.2	-5.0	79	1	- 5	24	920	0	21	1.47	- .64	.48	15	3.0	3	26+	9	1	0
Wheaton College	34.8		78	1	4	24	905	0	20	2.02	- .20	.65	26	11 8	8	27+	9	4	0
DIVISION	34.2	-4.9								1.38	- .84			4.0					
CENTRAL DIVISION																			
Bloomington Normal Sch.	36.3	-5.3	82	1	- 1	24+	865	0	19	2.37	- .31	1.16	20	2.7	2	26+	9	3	1
Carlinville 4 E	37.1M	-6.9			- 4	25	864	0	21	2.09	- .57	1.32	20	2.5	3	24+	8	1	1
Charleston	41.1M	-2.3	84	1			720	0						T	0				
Danville	36.2	-5.8	82	1	- 6	25	866	0	20	4.50	1.87	1.04	20	8.5	6	26	11	6	1
Decatur	36.2	-6.7	82	1	- 2	25	865	0	21	2.85	.39	.72	20	3.9	3	26	13	3	0
Effingham CAA AP //	36.1	6.3	82	1	6	25	861	0	22	4.10	1.18	1.54	7	4.1	4	22	9	5	2
Griggsville	36.1	-7.6	84	1	- 1	24+	868	0	22										
Havana	36.8	-5.2	84	1	2	24	847	0	21	1.36	- .85	.72	20	1.3			6	2	0
Hillsboro	37.3	-7.3	83	1	- 5	25	838	0	21	2.96	.40	1.11	20	1.2	1	23+	8	4	1
Hoopeston	35.1	-6.4	81	1	-10	25	898	0	20	2.94	.18	1.05	20	6.0	5	26+	9	4	1
Jacksonville	37.0	-5.9	84	1	- 4	25	843	0	20	2.07	- .29	.70	20	2.5	2	22	9	2	0
Jerseyville	39.0	-5.4	84	1	0	25	760	0	20	2.33	- .32	1.30	20	.7			6	2	1
La Harpe 1 SW	36.7M	-4.6	83	1			845	0	22	.95	-1.25	.44	20	1.3			6	1	0
Lincoln	35.4	-6.9	83	1	- 1	25	889	0	21	1.93	- .45	.68	20	2.4	2	26+	9	2	0
Mattoon	35.6		82	1	- 2	24	879	0	21	4.62	1.94	2.00	19	6.0			[illegible]	4	2
Morrisonville 1 E	36.4	-6.6	83	1	- 4	25	857	0	22	2.19	- .21	1.22	20	2.2	2	23+	9	2	1
Newton	38.0	-5.4	83	1	0	25	811	0	20	4.25	1.35	1.09	8	2.5	0		14	3	1
Palestine	38.5	-6.3	84	1	1	25	796	0	20	6.55	3.69	2.00	7	4.2	4	26+	11	7	3
Pana	37.0	-6.5	84	1	- 3	25	839	0	20	3.06	.59	1.36	20	4.1	4	24+	11	3	1
Paris Water Works	35.8M	-7.1	82	1	- 6	25	885	0	19	4.84	2.09	1.30	20	2.2			10	7	1
Peoria WB Airport	34.0	-5.8	81	1	- 1	23+	925	0	22	2.04	- .33	.65	19	4.8	3	26	8	4	0
Quincy	37.0	-6.7	82	1	2	24	835	0	19	1.63	- .61	.52	19	1.8	2	23	8	2	0
Quincy CAA AP	34.3		81	1	- 1	24+	915	0	25	1.09	-1.16	.58	19	T	T	9+	7	1	0
Rantoul Chanute AF Base //	35.0		80	1	- 5	24	900	0	22	2.82	.55	.97	19	3.2	1	26	7	5	0
Roberts 3 N	34.0	-6.9	81	1	- 8	25	928	0	21	2.26	.00	.67	20	5.8	5	26+	9	4	0
Rushville	36.8	-5.5	84	1	0	24	847	0	21	1.48	- .73	.82	20	2.0			6	2	0
Springfield WB Airport //	34.6	-5.3	83	1	- 2	24	902	0	20	2.48	- .04	1.31	19	1.1	1	23+	11	3	1
Springfield WB City	36.5	-5.7	84	1	2	24	832	0	19	2.46	- .06	1.40	19				9	3	1
Table Grove	35.7	-6.1	83	1	0	24	875	0	22	1.47	- .71	.44	20	1.5	1	23+	8	3	0
Tuscola	36.0		82	1	- 7	25	871	0	20	3.90	1.37	1.35	20	6.9	7	26	10	6	1
Urbana	36.0	-5.5	80	1	- 5	25	868	0	20	3.67	1.20	1.03	20	6.3	5	26	12	6	1
Virden	36.3		83	1	- 4	25	861	0	22	2.72	.22	1.27	20	2.1	2	23+	9	2	1
Watseka	35.4		81	1	- 9	25	886	0	19	2.52	.22	.85	20	6.3	5	26+	11	4	0
White Hall 1 E	37.8	-5.7	84	1	- 1	25	816	0	18	2.25	- .36	1.05	20	.5	1	23+	7	3	1
Windsor	36.0M	-6.9	81	1	- 6	25	898	0	19	4.15	1.52	1.62	20	3.0	2	26+	11	6	1
DIVISION	36.4	-5.9								2.82	.22			3.1					
SOUTHERN DIVISION																			
Alton Dam 26	37.5M		84	1	5	24	840	0	21	2.45	- .13	1.03	8	.5	1	24	7	3	1
Anna 1 NW	40.6	-7.3	82	1	- 5	25	732	0	16	4.99	1.37	1.48	20	3.9	3	23+	15		2
Belleville Scott AF	38.3		84	1	4	24		0	19	3.41	.81	1.60	7	.7			10	2	2
Cairo WB City	42.9	-4.4	81	1	5	25	684	0	14	6.13	2.45	1.67	20	2.6	2	24+	14	7	2
Carbondale Sewage Pl.	41.4	-5.8	82	1	0	25	711	0	16	3.33	.04	1.21	19	2.3	2	23+	9	4	1
Carlyle			85	1			-	0		4.43	1.63	2.54	7	.4	T	23	11	3	1
Du Quoin	40.5	-6.0	82	1	0	25	733	0	17	3.27	.33	1.43	20	.5			9	4	1
East Saint Louis	40.0	-7.1	86	1	3	24	760	0	18	3.53	1.01	2.09	7	.3	0		8	2	2
Elizabethtown	41.5		83	1	- 9	25	707	0	17	5.63	2.04	1.71	20	4.0	4	24+	12	8	1
Flora	41.3M	-3.5	86	1	1	25	726	0	18	5.96	3.01	1.80	8	T	T	24	10	5	3
Golconda Dam 51	40.5	-6.2	83	1	- 4	24+	738	0	20	7.06	3.42	2.10	20	5.5	6	24	14	[illegible]	2
Greenville	38.1	-6.6	83	1	0	25	810	0	21	3.84	1.30	1.34	7	1.6	1	23+	10	5	2
Harrisburg	41.3	-6.5	84	1	- 2	25	713	0	18	4.18	1.04	1.34	20	3.5	4	23	9	6	2
McLeansboro	40.9	-5.5	83	1	- 1	25	723	0	18	4.96	1 94	1.12	19	.5	1	23	10	5	2
Mount Carmel	39.3	-7.0	82	1	2	25	775	0	19	8.22	4.96	2.55	20	1.0	1	24+	11	6	2
Mount Vernon 4 N	39.1	-6.4	82	1	- 1	25	771	0	19	5.08	2.14	1.24	19	.1	T	23+	11	5	3
New Burnside	38.7M	-8.5			- 9	25	780	0	19	4.61	1.08	1.34	9	4.2	4	23+	12	7	2
Olney Radio Station	38.9	-6.1	83	1	0	25	787	0	20	6.28	3.23	2.23	8	.6	T	23	9	5	2
Sparta	40.8	-5.9	84	1	2	25	728	0	17	2.54	- .28	.79	20	.3	T	23+	9	3	0
DIVISION	40.1	-6.0								4.73	.54			1.7					
STATE	36.5	-5.7								2.82	.20			3.1					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

ILLINOIS
NOVEMBER 1950

Station	Day of Month																													total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion			13	.42			.13	1.46	1.13					.27	.19				1.36	1.90		.15	.18	T		T					7.32
Aledo			T				.03	.36	.11	T						.11			.01	.10		.16	T								.82
Alexis Water Work	S						.06	.23											.22			.17									.71
Alton Gas Co				.31	T			1.03	.09	T	T				1	.27				.24			4								2.45
Anna 1 NE		.05	14	40			.03	.39	1.32	T					*	*	*	*	.80	.48			29									4.99
Annawan								.15						T	1				.25	.19		T				.12					.71
Arlington							1	.07	.05	T					1.2	.04			T				T			.40					.97
Augusta	R																		.38			.42									.80
Aurora College			T				1	.07												.02	.4		T	T		1.2	.2				1.18
AVON							.15	T													.4										.58
Beardstown								.40	.34						.23	.08				.77			.04	.06	T	T					1.92
Bement [illegible]	E														.0				.7	.28		.07									1.75
Bellflower [illegible]				.3	T			.2	T	T									1.11	.1			.3								3.41
Belleville [illegible]	R						1	.1							1				1.21	.9			.2								4.18
Belvidere Sewage	R	.05																													.79
Berlin							.10	.13	.12											.63			.10								1.08
Benton			.05	.37			.18	.2	.55						.5				.44	.3			.2								3.68
Bloomington		T						.3	.32	T	T				.2					1.0			T	.12	T		.30				2.44
Bloomington Water		.03						.8	.29						.2	.2				.1			.1			.3					2.37
Bluffs								.4							.60	.3			.9	.03	T	.11	.0								1.51
Bradford AA Ar			.01				.08	.25	.1	.1									.34	.11		.03	.01	.01	T	.13		T			.97
Brookport Dam 52		.02		.60	T			.1	.17	.2						.8				.2			.2			.1					2.19
Cairo WB City	R	.3	.10	.09			.5	.8	.9					.1	.3	.1				.67		.2	.1								6.13
Canton				.1			.6	.1							.1	.2				.9	.58	T	.7	T	T						1.20
Carbondale Sewage		T		33				.1	.82	.4					.1	.9		.09	1.21				.8	.03							3.33
Carlinville 1 E		.1	.02				.20	T		T						.14			.06	1.32		.13	.07	.15E							2.09E
Carlyle		.04	.02	.04			.5	.17	.5										.1	.07		.02	.6								4.43
Carmi			.02	.45			.06	.70	.1										.1	.58		.1	.12	.1	T						5.56
Carpenter 1 SW	R						1.12	.41							.9				1.07	.16											2.85
Casey				21			.56	1.21	.74							23				.49	.18						28				4.78
Centralia 4 W			.20	T	.14			.55	.05						.30				.26	.63		T	.7								1.10
Chandlerville							.6	.15	.1						.9	.9			*	.25		.9	.7	T		T					2.98
Channahon Dresden			T		T		T	.10	.28	T					.4	.2				.4			T	.05		.05	.09				1.21
Charleston					T		.55	.64	.20						.3				.9	1.01							T				
Chenoa		.04		T	T		.47	.34	T	T					.06				.2	.10		.21	.08	T	T	.11	T				1.93
Chester			.18		T			.60	.50						.12	.01			T	1.15				.04E							2.60E
Chicago Cal Tr Wks	R	.03	.08	.02	.13		.01	.25		.01					.4				.3	.10											
Chicago Heights			.03	.10	.06			.49	T	.04					.2				.6	.74			.19			12					1.90
Chicago Lakeview P.S	R		.03	.03	.09			.28							.1				1.0	.08			.01		.02	.06					1.38
Chicago Loyola U.	R		.12	.11	.19			.35		.01					.3				.2	.05											
Chicago Mayfair P.S.	R		.09	.83	.28			.90							.58				.26	.18			.04			.70					3.86
Chicago N. Br. P.S.	R		.20	.24	.09	.01		.37							.2				.2	.02											
Chicago Roseland P.S.	R		.07	.11	.13			.28							.2				.2	.14			.05		.01	.23					1.74
Chicago San Dist Disp	R		.04	.08	.02			.59							.27				.1	.04		-		-							
Chicago San Dist Of.	R		.06	.05	.13			.32							.24				.1	.05											
Chicago S. Filt Pl	R		.12	.15	.18			.25							.39				.2	.14			.07			.37					2.09
Chicago Springfld P.S.	R		.08	.21	.12			.36							.3				.2	.25			.09			.55					2.40
Chicago University		T	.07	.05	.18		T	.23	T	T				T	.1				.0	.02			.7	T	05	.22	T	T			1.74
Chicago University	R		.07	.05	.18			.28							.1				.0	.14			.07		05	.22					1.74
Chicago WB Airport	R	T	.01	.11	T		T	.31	T	.02				T	.39	T			.2	.03		T	.04	T	T	.46	T	T			1.63
Chicago WB City	R	.	.06	.02	.24			.01	.31	T	.01			T	.28	T			.32	.10	T	T	.09	T	T	.28	T	T			1.72
Chillicothe					T			.28	.05	.30	T					T			.06	.61		.20	.05	T		.05	T				1.60
Cicero		T	T	.10	.2			T	.01	.30	T				T	.28	.0		.66	.32		T	.10	T	T	.43	.05	T			1.98
Cisne Brown Camp	R			.21	.04			2.20	.25							.1			? 41	.21		.15		.05						6.00
Clinton 1 S		.03						.33	.09	.14	T				.1	.20			.10	1.10		T	.10	T		.20	T				2.41
Collinsville	R							1.77	.07						.14				1.29	.05			.05	.02							3.39
Coulterville	R	.10		.07	.04			1.69	.20										1.62	.08			.02								3.82
Crete	R	.01	.03	.11	.02			.31	.25		.05				.12				.52	.07			.11								1.60
Danville		.10	.02					.31	.17	.41		T			.4	.23			.9	.01	T	T	.23	T		.76					4.50
Danville Hospital	R	.05						.45	.41						.1				1	.5			.10			-			-		
Danville Sewage Pl.			.03						.52	.18	T	T			.14	.22				1.80	T		T	.24		.25	.14				3.82
Decatur		.07			T		.27	.12	.23	.01					.1	.10			.8	.72		.07	.14	.09		.17	T				2.85
Des Plaines 1 NW			.04	.01	.43		T	T	.33	.01					.6	T				.21			.07		T	.25	.04				1.99
Diona	R						1.04	.83							.1				1.8	.28		.13	.08			.23					3.80
Dixon								.27	T	T					.1				.6	T		.14	.01			.15					1.11
Downs 2 NE	R							.40	.19						.35					.64	.04					-					-
Du Quoin			.08	.05	.15			.08	.30	.46	T								.67	1.13		T	.05E								3.27E
Dwight		T			.03			.42	.03	.32	T				.0	T				.5		.02	.15	T	T	.80	T				2.62
Dwight State Ref.	R							.37	.25						.07				.55	.05			.07			.05					1.41
East Saint Louis		.07						2.09	.06						.4				1.15	.05		.02	.05								3.53
Edwardsville					T			.72	.54	T	T			.38		.42		.09	.87	.30	T	T	.06	T							3.38
Effingham CAA AP		.23		.01	T			1.54	.39		T				.27				1.04	.13		.15	.04	T	T	T					4.10
Effingham CAA AP	R	.24		.02	.03			1.48	.38						.2				1.08	.30		.16	.07			.09					4.07
Elgin		T		T	T			T	T	.37	T				.9					.16		T	.1	T	T	.35	T				1.84
Elizabethtown			.02	.22	.52			.07	.54	.96	T				.9	.61			.29	1.71		T	.25	.15							5.63
Elsah								.98	.23						T	.29				1.10			.05	T							2.65
Evanston Pump Sta.	R		.23	.49	.26				.42		.01				.2				.22	.05											
Fairbury Water Works	R //	.05						.19	.29	.01					.9				.86	.06		.17	.14			.50					2.66
Farmer City	R	.02						*	.18	.02					.3				.94	.07			.06			.07					2.19
Flora				.06	.19			1.27	1.80	.14					.3	.15			.62	1.10		.20	T	T							5.96
Freeport									.42	.08	.02					.32				T		.11	.02	.03		.27					1.27
Freeport Sewage Plant								.03		.56	T	.01			T	1.16				.01			.12	T	T		.33				2.36
Freeport Sewage Plant	R							.04	.08		.01				1.30							.10	.06			.34					2.43
Fulton Dam 13								.02		.72					.2	.14				.03			.12		T		T				1.05
Fulton Dam 13	R								.68						.19				.01			.07									.98
Galatia 1 W	R	.02		.33	.13			.29	.48	.07								.03	1.12	.35			.10								2.92
Galena				T				.03	.42	T					.1	T				T		.12		T							.98
Galesburg								.13		.25	T				T					.07	.48		.08	.02	T						1.03
Galva								.18	.08	.22										1	.58			.03	T	.07					1.16
Geneseo								T	.23	.12					.1	T				T	.29		.05		T	T					1.00
Gibson City		.12		.04	T			.44	.32	T	.01				.35	.03				.95	.05			T		.02	.12	.02				2.47
Gladstone Dam 18								.05	.15	.30	T	T				T					.28		T	.21	.01	T						1.00
Glendale Exp. Farm				.46	.15			.43	.51	.46					.50	.27		.23		.78	.69			.47								4.97
Glendale Exp. Farm	R			.46	.15			.43	.51	.48					.50	.27		.23		.78	.69			.47								4.97
Golconda Dam 51			.10		.61	T			1.18	.85		T			.02	.78				.21	2.10		.01	T	.40	.30	.28	.16	.06	T		7.06
Golconda Dam 51	R		.08	.47	-	-		-	-	.39					.50	.30		.01	1.02	1.19			.24								-
Golden								.20	T	.15	T				T					T	.53		.05	.10	T	T						1.13
Grafton					T				.85	.08	T	T			T	.34					1.22			.10	.07	.03	T					2.69
Grand Tower 2 N				.17	.29			.07	.88	T					.28	T				.21	1.05			.11	T				.12			3.18
Greenfield	R							.65	.15						.45				1.21	.02			.05	.08								2.61
Greenup			.21					.20	1.30	.45	T				.14						1.63		.10	.10	T	.10	.30					4.53
Greenville		26			.02			1.44	.35	.37					.23	T			.15	1.01		.06	.05	T								3.84
Gridley		T						.19	.03	.39	T				.05	.01			.10	.42		.46	.16	T		.24	T					2.25
Griggsville								.37	.25						.57	.05				.62												-
Hardin								*	.91						T				.15	1.51	T		.75									3.32
Harrisburg			.32	.32				.01	.12	1.10	T				.33				.43	1.34			.21	T								4.18
Harrisburg Disposal Pl.		.04		.58					.12	1.09					.05	.30			.25	1.23				.30E								3.96E
Havana				T				.32	.04	T	T				.1				T	.72		.04	.08	T	T							1.36
Havana No. 2									.36	.33	T	T			.09	.07			T	.78			.06	.01								1.70
Hillsboro		T		T				.72	.30	.20						.28			.04	1.11		.19	.12	T		T						2.96
Hoopeston		T						.35	.17	.53	T				.16	.23			.03	1.05		T	.12			.30						2.94
Hoopeston	R							.42	.51						.42				.92	.11			.13			.43						2.94
Hudson Lake Bloomngtn	R							.43	.38						.12					.79		.05	.04			.36						2.17
Hutsonville	R //							1.92	.18	.12					.35							.09	.07			.48						3.21
Hutsonville Pwr Pl			.04		.26				1.88	.18					.24	.23			.10	1.38				.10	T	.03	.36		T			-

See reference notes following Station Index

DAILY PRECIPITATION

Table 3 — [illegible] Forest

ILLINOIS
DECEMBER 1950

[illegible]	Day of Month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
[illegible]							12		.79	.02					T	.10				.09			.12	.03								1.27
[illegible]							.12	.79		02					.20				.11			.12	.03								1.38
[illegible]							.50	.10	16	T					.21	.08			.12	.70		.15	.10								2.67
[illegible]	R						.54	.23							.32	.05			1.10			.09	.06								2.59
[illegible]							.55	.09	.10							.22				1.30			.07								2.33
[illegible]				.16	.03			.05	.31	.01	.02				.15	.12				.38			T	.17		.15	.25				1.30
[illegible]			.03	.06			T	.30	T	T					.27				.43	.02		T	.14	T		.19	T				1.44
[illegible]	T		T	.20			.45	T							.07	T			T	.59			.08	.10	T	.24	T	T			1.73
[illegible]		.03	T	T			.46	.13	.30	T					.04	.02			T	.73		.03	.23	T		.42	T				2.33
Kankakee Sewage Pl.	R						.56								.06					.58											
[illegible]							T		.32											.14		*	.22								68
[illegible]							.10	T	.05E						.33				.10	.34			.10E	T		.30E					1.32E
[illegible]	R						.09	.20											.32			.05									
[illegible]							.29	.04	.29	T					.08				.29	.40		.12	.07	T		.09	T	T			1.67
[illegible]	T						.14	.05	.18	T					T				.11	.44			.03	T				T			.95
Lanark	R						.04	.52						.03	.36				.02			.03	.05			.21				.12	1.38
La Salle		T	T	T	T		.01	.01	.27	T					T	T			T	.50		.01	.05	.01	T	.21	.04				1.11
La Salle 1 S								T	.33		T				T	T				.11			.02E	.08	.01	.21	.13				.89E
Lawn Ridge	R						25	.32												.57	.02		.07								1.23
[illegible]			.07	.02			.85	1.66	.51						.35				3.70	.10	.05	.05	.38	T		1.20				T	8.94
[illegible]		.04					.41			.01					.09	.32			.21	.76			.22	T		.69					2.15
[illegible]		T					.39	.06	.20	T					.10	.13			.17	.68		T	.10			.10					1.93
Lincoln No. 2								.40	.21	.03E				*	.12	.16				.84		*	.09				.10				1.95E
Lockport Lock & Dam	R		.15	.07				.27							.38				.40	.06			.07	.04		.06					1.50
[illegible]	R		.10	.06				.29											.34	.03											
[illegible]	R	.06		.10			2.14	35							.42			.07	1.25	.29			.10	.05							4.83
[illegible]							.47								.62					.60			.05	T		.06					1.80
[illegible]							.21	.01	.21	T				T	.01				.16	.40		.04	.06	T							1.10
Marengo			T				T	.23	.24	T					.40	.03				T		T	T	T	T	.15	T				1.05
Marietta	R						.31	.04											.57	.03	.11										1.06
Marion			.04	.44			.05	.27	.88	T					.23	.12			.38	1.09		*	.10	T							3.60
Maron	R						.35	.13							.88	.04			.81	.05			.05			.09					2.40
Marseilles Lock								.05	.30						.16	T				.58			.03	T			.18				1.30
Marshall		.04	T	.14			*	1.60	T						12	17			.14	1.28	.03	.14	T			.40					4.06
Mascoutah				.12			1.88	1.40	.09	.03				T	.04	T	T		.06	1.08	T	T	.04	01	T	T		T			4.75
Mason City	R						.32	*	.59						.20				.82	.10			.07								2.10
Mattoon		16		T	T		1.03	.65		T					.13				2.00	.41		.14	.04			.06					4.62
McHenry	R							.35	.03					*	.70							.05				.09					1.22
McHenry 2 E			.02	T			.02	.08	.35	.02	T				.59	.07				.06		T	.07		T	.11					1.39
McLeansboro		T	.10	.37			.22	.93	.76						.22	.15			1.12	1.00		T	.09	T							4.96
Medora							.57	.04	.03	T						.20				1.65			T	.15	T						2.64
Minonk			T				.40	.02	.38	T					.07	.03				.70		.23	.07	T		.15					2.05
Moline WB Airport	R						.04	.51	T	T				T	.01				.10	T		.07	T	T		T					.73
Monmouth Airport							10	.09	.13							T				.33		.07	.06	T							.78
Monticello		.11		T		.04	.32	.02	.31	T					.37	.20			.48	.84			.27		.02	.16					3.14
Morris				T				.11	31	T	T				.21	T				.50						.05	.02				1.20
Morris 3 NE				T			04	.03	.32	T	T				.15	T				.51		T	T	T		.03					1.08
Morrison		T					T	.46	T	T					14				T	.04		T		T	.03	.10					.77
Morrisonville	R						.49	.17							.09			.07	1.13	.08			.15	.11							2.29
Morrisonville 1 E		T		T			.46	.08		T					.02	.01			.08	1.22		.12	.10	T		.10					2.19
Mount Carmel				.61				2.30	.98						.12	.69				.60	2.55	.10			.15	.05	.07	T				8.22
Mount Carmel Wtr Wks	R		.58				1.70	1.00	.15						.17	.40				2.01	.70		.14	.10		.03	.11					7.09
Mount Carroll							.02	.47	.11	T					.01	.78				T	.02		.07	T	T	T	.24					1.72
Mount Olive		T		T			.75	.22	.18	T						.29				.30	1.01	T	.11	.05	T						2.91
Mount Pulaski		T	T	T			.42	.15	T	T					.18	.22				T	1.26			.10	T		.09					2.42
Mount Sterling							.33	T	.38	T					.08					.04	.95		.07	.15	T						2.00
Mount Vernon 4 N			T	.03	.32		.61	1.23	.23	T					.13	.08				1.24	1.10	T	.05	.06	T		T					5.08
Murphysboro Wtr Wks	R	.09	.02	.31	.05		1.57	.65	.04						.25			.02	1.54	.01				.09								3.66
Nashville 3 NW			.08				1.95	1.15							.57				.61	.69			.12	.02							5.19
Newark 7 E		T					T	T	.32	T					.30					.53		T	.04			.32					1.51
New Boston Dam 17							.02	T	.61	T	T					.02				.07		T	.12	T	T						.84
New Boston				T			.02	.12	.02		T					.12			T	.14			26		T						.68
New Burnside		.03	.31	.22			.01	.34	1.34	T					.38	.04	T	T	.38	1.25		T	.30	.01							4.61
Newton		.06	.02	.20			.21	1.09	.17						.26	.05			.47	.76		.13	.08	.01		.19					4.25
Newton	R	.05		.16	.02		1.75	.18							.33				.79	.35		.18	.08			.24					4.13
Olney Radio Station					.60		.30	2.23							.60				.20	2.05		.20	.07			.03E					6.28E
Oregon	R							.45						.19	.09				.04							.12					.89
Oregon Water Works									.48						.32	.01				.06							.04				.91
Ottawa		T		T			.03	.02	.27	T					.03	T			.36	.33		T	.11	T		.19					1.34
Palestine			.25	.15			2.00	.10	.40	T					1.06				.85	1.31		.07	.03	T		.33					6.55
Pana		.09		T			55	.13	.30	T						.11			.10	1.36		.18	.14	.06		.04					3.06
Paris Sewage Plant	R		.19	.06			.85	.55	.10						.39				.06	1.15	.46		.07	.02							3.90
Paris Water Works			23	T	.60		.53	.38	.58	T					T	.40			.60	1.30		T	.02			.20					4.84
Paw Paw								.12	.03	9					.50					.42		.07	.05	T		.14	.05			T	1.38
Payson							.27	.02	.30	.05E				T	.01	T			.30	.41		.01	.10	T							1.47E
Peoria Lock & Dam	R						.33	.30							.12				.65	.03		.13	.14			.10					1.80
Peoria WB Airport	R			T	T	T	.29	.31	T	T			T	T	.33				.65	.07		.23	.06	T	T	.10					2.04
Peotone			.05				.40	.10	.27	T					.11				.20	.50		T	.20			.45	T				2.28
Petersburg							.46	.05	.30	T					.22	.07			.88	T		T	10E			T					2.08E
Piper City	R						.40	.07	.05						.45				1.01		.05	14			.08	.12				.07	2.44
Pittsfield Water Wks	R						40	.25							.32				.58			.13									1.68
Pleasant Hill 2 E							.42	T	.24	T					.10	.41			T	1.20		.17	.08	T							2.62
Pontiac				T			.43	.04	.30	T	T				.03				.15	.50		.15	.10	T		.28	T				1.98
Prairie du Rocher	R						1.64	.32	.01											96	.12										3.05
Princeton 1 S	R							.35												.42			.03	.03			.22					1.05
Princeville 2 NW					T		.24	.26	.05						.08				.30	.30		.04	.01			.04					1.32
Prophetstown	R							.37						,33	.01				.13			.03				16				.17	1.20
Quincy							.18	.20	.11	T					.02				.52	.42		.03	.15		T						1.63
Quincy CAA AP							.23	.14	T	T					.6				.58	.01		.04	.04	T	T			T			1.09
Quincy Dam 21								.20	.28	.02	T				.03	.03				.78			.03	.10							1.47
Quincy Dam 21	R						.43								.03				.73			.02	.14								1.35
Quincy Memorial Br.								.17	30	T	T				T					.71			T	.20	T						1.38
Rantoul Chanute AF		T		T	T		.33	.28		T			T		.54				.97	.24		T	.03	T	T	.43	T				2.82
Red Bud		.02		.11			2.08	.12						.11	.02			.33	.12	.76			.06	.01					.05	T	3.79
Richview	R	.06		.09	.05		1.78	.21	.03						.09				1.42	.12		.05	.08								3.93
Robinson 3 N		1					.45	T	16	T					.35	.13			T	.67		.10	.04			.33	.03				2.26
Rochelle				T				.18	.30	T					.41	.04				.08		.05				.30					1.36
Rockford		T					.01	.28	.12	T					.08								T			.33	.07				.89
Rockford CAA AP							.02	.53	1	T				T	.01				T			.03	.01	.01	T	.30	T				.91
Rock Island Dam 15			T				.06		.68	T	T				T	T			*	.08			.11	T	T			T			.93
Rossport							.7	.42	T						.05	T				.96	T	10E							T		1.88E
Rossville							.29	.03	T							14				.82		.10	.10	T							1.48
Ste. Marie					.34			2.25	.11	1	1				.47	.27				1.63	.08		.21	10	T	.03	.12					5.61
[illegible]		.10			14		1.21	2.19	.04						.35				.20	.92		.11	.04								5.53
[illegible]			05		74			.34	1.18	.02	1				.02	59			.24	1.32		T	.30	T	T	T					4.79
Salem			.33					.46	36	.02	T				0	14			T	1.61	.04		.08	.07	T	.08	.08					3.32
Salem 3 S Tr Wks	R		.13	.38	.19			.37		.01					.37				.24	.03					02	.18					1.92
Sandoval			.07	T	.20			.30	.10	T					.11				.30	.79			01	T							2.54
Springfield AP/WB AP	R	05		T	T		47	.14	T	.01				T	.36				1 31	.04		.02	.03	.01	T	.01					2.48
Springfield WB City	R	.01		T	T		39	16	T	T					.30				1.40	.06		.04	.07	T	T	.03					2 46
Stickney W S Tr Wks			.02	.15	.03			.29							.30					.03											
Stockton							08	.28	.08	T						.54			T	.01		.07				.12					1.18
Streator			.01				.14	.65		T					.02					.70	T		.10			40E					2.02E
Sullivan Water Wks	R		.09	.00			.60	.30							10				1.46	11		22	08			18					3 24
[illegible]								.30	.22	.02					80				.03	.10	T	.02	.02			.24					1.75

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station	Day of Month																												Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Table Grove			T	T			.27	.11	.17						.07				.30	.44		.05	.06	T								1.47
Taylorville	.09		T				.33	.08	.11	01						07			.19	1 54		.06	.08	01		.02						2.58
Tiskilwa							.03	.05	.26											.37		.04	.03			.10						.88
Toulon				T			.30	.05	.33	T					T	T			T	.37		.06	.03	.02	T	.25						1.41
Tuscola	.30						.32	.59							.08	.25			.01	1 35		.09	.15			.76						3.90
Urbana	.19		T	.07			.36	.02	.48	T	T				.43	.35			.20	1.03		.01	18	T		.35						3.67
Urbana Exp. Farm R	.10			.04			.35	.48							57				.99	.06			.08			08						2.75
Utica Starved Rock Dam								T	.24	T					.02					70	T	T	.04	04	T		.35					1 39
Vandalia R	.10		.01	.05			1.64	.45							33				.95	.02			17	03								3.75
Virden	T		T	T			64	.04	11	T					.15	12			.15	1.27		.06	.18	T								2 72
Walnut								.51							.34				.27			T	T			.33						1.45
Warsaw							.19	.21							.11				T	.51	T			.07								1 09
Washington R							34	.50							.16				66	.09		10	.11			11						2.07
Waterloo							1.50	.78		T					.05				.05	1 02	T	T	.04	T	T							3 44
Waterman R //								34							26							.20	.02			.04						86
Watseka							.42	14	.14	T					26	.12			.06	.85		03	.16			40	.02					2.60
Waukegan		T	.17	22				.09	.24	.02					.48				T	.02		T	08		T	.15	T					1.47
Wayne City	.03		.30	T				1.47	.80						.20	.11			.45	3.00			.11	.04								6 51
Wenona R							.33	.37											.60			.10				18						1.58
Wheaton College				06				.03	.35	.03					34				T	.29			.07	T		.65	.20					2.02
White Hall 1 E							.42	.08		T					.22	.32				1.05		.13	.03									2.25
Wilcox				.36				2.56	28						22	.28			.20	2.00			.20	.10								6.20
Windsor		.45			.12		.45	.28	.45	T						.13			.25	1 62		.21	.08	T		.11						4.15

HOURLY PRECIPITATION

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													—1st—												
BELLEVILLE SCOTT AF BSE //																	.02	.08	.07						.17
BELVIDERE SEWAGE PLANT															.05										.05
CAMP ELLIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO CAL TREAT WKS																			.03						.03
COULTERVILLE																					.10				.10
CRETE																				.01					.01
DANVILLE HOSPITAL																		•	•	.05					.05
EFFINGHAM CAA																			.12	.12					.24
FAIRBURY WATER WORKS //																.0									.0
FARMER CITY																		.02							.02
GALATIA 1W																								.02	.02
LOUISVILLE																					.05			.01	.06
MURPHYSBORO WATER WORKS //																						.06	.01	.02	.09
NEWTON																					.05				.05
RANTOUL CHANUTE AF BASE //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHVIEW																				.01	.05				.06
SPRINGFIELD WB AIRPORT //																	.08								.08
SPRINGFIELD WB CITY																.01									.01
URBANA EXP FARM																		.10							.10
VANDALIA																		.08	.02						.10
WEST FRANKFORT 8 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													—2d—												
CAIRO WB CITY		.01	.02																						.03
CHICAGO CAL TREAT WKS																		.01	.04	.01		.02			.08
CHICAGO LAKEVIEW PUMP																			.01	.01		.01			.03
CHICAGO LOYOLA UNIV																			.07	.02	.01	.01	.01		.12
CHICAGO MAYFAIR PUMP ST																				.02	.03	.03	.01		.09
CHICAGO N BRA PUMP STA																			.06	.04	.03	.04	.03		.20
CHICAGO ROSELAND PUMP																			.03	.02		.02			.07
CHICAGO SAN DIST DISPAT																					.02	.01	.01		.04
CHICAGO SAN DIST OFF																			.06						.06
CHICAGO S FILTER PL																	.02	.05	.03		.02				.12
CHICAGO SPRINGFLD PUMP																			.02	.02	.01	.01	.02		.08
CHICAGO UNIVERSITY																				.07					.07
CHICAGO WB AIRPORT																						.01			.01
CHICAGO WB CITY																			.04	.01		.01			.06
CRETE																			.01		.01			.01	.03
EVANSTON PUMP STA																			.06		.05	.07	.05		.23
GOLCONDA DAM 51			.08																						.08
MURPHYSBORO WATER WORKS //	.02																								.02
PARIS SEWAGE PLANT																				.15	.04				.19
SKOKIE N S TREAT WKS																			.02	.02	.01	.05	.03		.13
STICKNEY W SIDE TREAT													•	•	•	•	•	•	•	•	•	•	•	.02	.02
													—3d—												
BELLEVILLE SCOTT AF BSE //																				.02	.01				.03
BRADFORD CAA 6														•	•	•	•	•	.01						-
CAIRO WB CITY														.04	.05	.04	.10	.07	.04	.02	.01	.01	.01	.02	.41
CHICAGO CAL TREAT WKS	.01									.01															.02
CHICAGO LAKEVIEW PUMP					.01																		.02		.03
CHICAGO LOYOLA UNIV			.01	.01																	.01		.08		.11
CHICAGO MAYFAIR PUMP ST			.05	.01						.01									.21	.14	.16	.11	.10	.04	.83
CHICAGO N BRA PUMP STA			.01	.02							.01								.04	.05	.02	.04	.04	.01	.24
CHICAGO ROSELAND PUMP														.01								.02	.05	.03	.11
CHICAGO SAN DIST DISPAT					.02	.01	.01											.01					.02	.01	.08
CHICAGO SAN DIST OFF				.01			.01			.01	.01												.01		.05
CHICAGO S FILTER PL																			•	•	•	•	•	.15	.15
CHICAGO SPRINGFLD PUMP			.01		.02			.01												.03	.03	.01	.03	.07	.21
CHICAGO UNIVERSITY																							.05		.05
CHICAGO WB AIRPORT					.01		.01						.01										.02	.06	.11
CHICAGO WB CITY					.01																		.01		.02
CISNE BROWN CAMP																	.01	.03	.03	.05	.03	.01	.04	.01	.21
COULTERVILLE																						.02	.03	.02	.07
CRETE	.02								.01	.01	.04	.01	.01	.01											.11
EFFINGHAM CAA //																								.02	.02
EVANSTON PUMP STA			.02																.15	.15	.06	.10	.01		.49
GALATIA 1W															.01	.04	.04	.05	.06	.02	.02	.04	.02	.03	.33
GLENDALE EXP FARM															.03	.04	.06	.07	.03	.04	.04	.05	.06	.04	.46
GOLCONDA DAM 51														.01	.07	.06	.07	.08	.10	.02	.02	.02	.01	.01	.47
JOLIET WB AIRPORT 6																				•	•	•	•	•	-
LOCKPORT LOCK AND DAM																				.06	.04	.03	.01	.01	.15
LOCKPORT POWER HOUSE																				.03	.03	.02	.02		.10
LOUISVILLE																			.01	.01	.03	.01	.03	.01	.10
MT CARMEL WATER WORKS																	•	•	•	•	•	•	•	.58	.58
MURPHYSBORO WATER WORKS //																	.02	.02	.06		.03	.04	.03	.11	.31

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
NEWTON																				.03	.01	.04	.02	.03	.03	.16
PARIS SEWAGE PLANT																						.03	.01	.01	.01	.06
RICHVIEW																					.01		.01	.03	.04	.09
SKOKIE N S TREAT WKS					.01															.09	.11	.05	.08	.03	.01	.38
STICKNEY W SIDE TREAT		*	*	*	*	*	*	*	*	*	*	*	.02											.02	.11	.15
SULLIVAN WATER WORKS																			.06	.02					.01	.09
VANDALIA																									.01	.01
—4th—																										
CAIRO WB CITY		.02	.03	.02	.02							.01	.08	.04	.02											.09
CHICAGO CAL TREAT WKS										.01	.02	.02	.03	.01												.15
CHICAGO LAKEVIEW PUMP									.01	.02	.04	.06	.04	.02												.09
CHICAGO LOYOLA UNIV											.03	.16	.04													.19
CHICAGO MAYFAIR PUMP ST		.01	.01		.02	.01						.01	.08													.28
CHICAGO N BRA PUMP STA												.06	.07													.09
CHICAGO ROSELAND PUMP											.01	.01														.13
CHICAGO SAN DIST DISPAT																										.02
CHICAGO SAN DIST OFF		*	*	*	*	*	*	*	*	*	*	*	.13													.13
CHICAGO S FILTER PL												*	.18													.18
CHICAGO SPRINGFLD PUMP		*	*	*	*	*	*	*	*	*	*	*	.12													.12
CHICAGO UNIVERSITY													.18													.18
CHICAGO WB CITY									.03	.08	.07	.04	.02													.24
CISNE BROWN CAMP		.03	.01																							.04
COULTERVILLE		.01	.02	.01																						.04
CRETE										.01		.01														.02
EFFINGHAM CAA	//		.01	.01	.01																					.03
EVANSTON PUMP STA									.01	.04	.04	.06	.06	.05												.26
GALATIA 1W		.01	.01	.07	.03	.01																				.13
GLENDALE EXP FARM		.04	.02	.03	.04	.01	.01																			.15
GOLCONDA DAM 51		.05	.02	.02	.01							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOLIET WB AIRPORT	6	.03	*	*	*	*	*	.06																		-
LOCKPORT LOCK AND DAM		.03	.01			.03																				.07
LOCKPORT POWER HOUSE		.02	.01		.01	.02																				.06
MURPHYSBORO WATER WORKS	//	.02	.01	.01	.01																					.05
NEWTON		.02																								.02
RICHVIEW		.03	.02																							.05
SKOKIE N S TREAT WKS						.01				.01	.04	.03	.03	.04	.01	.01	.01									.19
STICKNEY W SIDE TREAT											.01	.02														.03
SULLIVAN WATER WORKS	//	.02	.04	.03																						.09
URBANA EXP FARM				.04																						.04
VANDALIA		.05																								.05
—5th—																										
CHICAGO N BRA PUMP STA									.01																	.01
—7th—																										
ALEXIS WATER WORKS								.01	.02	.02				.10	.10	.10	.03	.02	.01						.01	.06
BEARDSTOWN LAGRANGE DAM	//													.10	.27	.32	.13	.42	.57	.24	.08	.02				.36
BELLEVILLE SCOTT AF BSE	//									.01	.01	.03	.25	.02	.03	.08	.06	.03	.03	.12	.03	.08	.02			2.45
BELVIDERE SEWAGE PLANT														.07	*	*	*	*	*	.01						.50
BRADFORD CAA	6								*	*	*	*	*							.07			.19	.22	.01	-
CAIRO WB CITY																.04										.53
CARPENTER 1 SW													.12	.04	.12	.16	.12	.10	.10	.14	.22					1.12
CHICAGO CAL TREAT WKS										.01																.01
CHICAGO WB CITY													.01													.01
CISNE BROWN CAMP														.01	.12	.33	.15	.19	.02	.18	.26	.69	.19	.04	.02	2.20
COLLINSVILLE											.04	.12	.19	.08	.20	.12	.06	.31	.33	.26	.06					1.77
COULTERVILLE														.07	.11	.15	.03	.01	.17	.05	.56	.49	.05			1.69
CRETE												.01	.02	.02	.01	.02	.05	.08	.05	.02	.02	.01				.31
DANVILLE HOSPITAL														*	*	*	*	*	*	*	.45					.45
DIONA															.07	.13	.09	.15	.12	.24	.09	.13			.02	1.04
DOWNS 2 NE														.01	.09	.10	.05	.05	.06	.02	.01	.01				.40
DWIGHT STATE REFORM												.04	.01	.01	.04	.06	.09	.05	.05	.02						.37
EFFINGHAM CAA	//													.01	.17	.13	.15	.15	.20	.29	.21	.15	.01	.01		1.48
FAIRBURY WATER WORKS	//												.06	.04	.09	.07	.06	.05	.04	.04	.02	.01	.01			.49
FARMER CITY										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FREEPORT SEWAGE PLANT						.03	.01																			.04
GALATIA 1W																	.02					.02	.07	.13	.05	.29
GLENDALE EXP FARM																	.03					.01	.02	.02	.35	.43
GREENFIELD											.04	.08	.08	.16	.05	.14	.04	.04	.01	.01						.65
HOOPESTON																	.08	.13	.12	.03		.01	.01	.01	.03	.42
HUDSON LK BLOOMINGTON											.10	.07	.08	.05	.07	.02	.02	.02								.43
HUTSONVILLE	//															.01	.14	.36	.30	.19	.48	.18	.15	.07	.04	1.92
ILLINOIS CITY DAM 16				*	*	*	*	.12																		.12
JACKSONVILLE SEWAGE PL												.02	.08	.02	.11	.14	.09	.01		.06	.01					.54
KANKAKEE SEWAGE PLANT													.09	.03	.04	.06	.10	.07	.06	.04	.03	.01	.01	.01	.01	.56
KEWANEE BAKER PARK							.04	.02	.02	.01																.09
LANARK						.02	.01	.01																		.04
LAWN RIDGE														.03	.02	.04	.06	.07	.03							.25
LOUISVILLE															.09	.15	.26	.28	.18	.72	.23	.18	.05			2.14
MARIETTA														.02	.01	.02	.10	.04	.01	.04	.04		.02		.01	.31
MAROA													.01	.01	.06	.03	.10	.09		.01	.02			.01	.01	.35
MASON CITY														.01	.05	.07	.05	.08	.01	.01	.04					.32
MOLINE WB AIRPORT							.02	.02																		.04
MORRISONVILLE													.06	.04	.04	.11	.07	.08	.05	.04						.49
MT CARMEL WATER WORKS																		.01	.04	.10	.02	.53	.65	.25	.10	1.70
MURPHYSBORO WATER WORKS	//											.04	.01								.10	.27	.09	.05	.01	.57
NEWTON															.01	.14	.29	.25	.11	.58	.19	.12	.06			1.75
PARIS SEWAGE PLANT														.01	.02	.12	.10	.09	.15	.06	.16	.07	.06		.01	.85
PEORIA LOCK AND DAM	//													.03	.05	.08	.09	.08								.33
PEORIA WB AIRPORT													.01	.01	.03	.07	.06	.08	.02	.01						.29
PIPER CITY															.05	.07	.08	.05	.05	.05	.02	.02		.01		.40
PITTSFIELD WATER WORKS													.05		.10	.10	.06	.03	.02	.04						.40
PRAIRIE DU ROCHER W WKS													.06	.32	.13	.34	.09		.06	.09	.22	.31	.02			1.64
QUINCY CAA	6														*	*	*	*	*	.23						-
QUINCY DAM 21															.02	.08	.01	.04	.05	.10	.05	.05	.01	.01	.01	.43
RICHVIEW														.02	.13	.11	.18	.16		.30	.20	.48	.12	.03		1.73
ROCKFORD CAA	6		*	*	*	*	*	.02																		-
SPRINGFIELD WB AIRPORT	//												.01	.06	.05	.09	.12	.08	.02		.03	.01				.47
SPRINGFIELD WB CITY													.01	.05	.05	.08	.07	.09	.02		.02					.39
SULLIVAN WATER WORKS	//													.04	.09	.07	.12	.07	.05	.06	.02	.08				.60
URBANA EXP FARM																.01	.10	.16	.05	.03						.35
VANDALIA													.04	.16	.11	.18	.21	.11	.23	.21	.25	.14				1.64
WASHINGTON												.01	.01	.02	.05	.05	.07	.09	.02	.01		.01				.34
WENONA										.02		.01			.07	.04	.09	.05	.05							.33
—8th—																										
ALEXIS WATER WORKS			.01											.01	.04	.01		.05	.05	.05	.01					.23
AUGUSTA																			.01	.04	.02		.01	.01	.01	.10
BEARDSTOWN LAGRANGE DAM	//																		.01	.05	.11	.04	.03	.02	.01	.27
BELLEVILLE SCOTT AF BSE	//																			.03	.02					.05
BRADFORD CAA	6														*	*	*	*	*	.03	*	*	*	*	*	-
CAIRO WB CITY			.03								.01	.01												.08	.63	.76

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CARPENTER 1 SW																					.20	.09	.02			.31
CHICAGO CAL TREAT WKS																		.01				.02	.13	.09		.25
CHICAGO LAKEVIEW PUMP																			.01		.01	.04	.11	.11		.28
CHICAGO LOYOLA UNIV																		.01	.01	.01	.03	.04	.16	.09		.35
CHICAGO MAYFAIR PUMP ST																					.02	.25	.59	.03	.01	.90
CHICAGO N BRA PUMP STA																		.01	.01	.01	.02	.05	.18	.09		.37
CHICAGO ROSELAND PUMP																						.02	.15	.11		.28
CHICAGO SAN DIST DISPAT																		.01			.02	.04	.15	.07		.29
CHICAGO SAN DIST OFF																					.03	.03	.18	.08		.32
CHICAGO S FILTER PL																	.01					.01	.16	.07		.25
CHICAGO SPRINGFLD PUMP																						.05	.14	.15	.02	.36
CHICAGO UNIVERSITY																									.23	.23
CHICAGO WB AIRPORT																			.01	.01	.02	.03	.17	.06	.01	.31
CHICAGO WB CITY																		.01	.01		.01	.03	.14	.11		.31
CISNE BROWN CAMP		.02					.01			.01	.02								.03		.01			.10	.05	.25
COLLINSVILLE																					.07					.07
COULTERVILLE																								.20		.20
CRETE																							.17	.08		.25
DANVILLE HOSPITAL																					.31	.08	.01		.01	.41
DIONA		.01	.01	.01																	.62	.17	.01			.83
DOWNS 2 NE																			.01	.04	.02	.05	.05	.02		.19
DWIGHT STATE REFORM																						.14	.11			.25
EFFINGHAM CAA	//										.01	.01	.01								.35					.38
EVANSTON PUMP STA																		.02	.01	.01	.03	.03	.20	.12		.42
FAIRBURY WATER WORKS	//																			.01	.04	.13	.04	.04	.03	.29
FARMER CITY		*	*	*	*	*	*	.40												.02	.01	.01	.03		.01	.48
FREEPORT SEWAGE PLANT														.06	.07	.09	.06	.04	.06	.07	.05	.06	.02			.58
FULTON DAM 13														.09	.09	.08	.06	.08	.07	.10	.06	.03	.01	.01		.68
GALATIA 1W																						.04	.06	.35	.03	.48
GLENDALE EXP FARM		.03																				.03	.02	.01	.42	.51
GOLCONDA DAM 51		-	-	-	-	-	-	-								.01				.01		.02		.01	.41	-
GREENFIELD																										.15
HOOPESTON		.02	.01																		.12	.29	.06	.01		.51
HUDSON LK BLOOMINGTON																				.02	.09	.19	.05	.03		.38
HUTSONVILLE	//	.03	.06	.01																			.01	.06	.01	.18
ILLINOIS CITY DAM 16									*	*	*	*	*	*	*	*	*	*	*	*	*	.79				.79
JACKSONVILLE SEWAGE PL		.01	.02																		.10	.04	.06			.23
JOLIET WB AIRPORT	6														*	*	*	*	*	.04	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT		.02	.01						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEWANEE BAKER PARK															.03	.03	.02	.02	.02	.08						.20
LANARK										.01	.01	.01		.05	.09	.08	.08	.04	.06	.08	.01					.52
LAWN RIDGE															.01	.01	.01	.01		.01	.11	.14	.02			.32
LOCKPORT LOCK AND DAM																			.01		.03	.02	.12	.09		.27
LOCKPORT POWER HOUSE																		.02			.02	.08	.14	.03		.29
LOUISVILLE		.01	.01	.01						.01	.01												.30			.35
MARIETTA		.03	.01																							.04
MAROA		.02	.01																	.01		.05	.02	.01	.01	.13
MASON CITY									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MC HENRY																	.07	.03	.02	.05	.05	.03	.07	.02	.01	.35
MOLINE WB AIRPORT													.02	.06	.06	.04	.05	.08	.07	.07	.01	.03	.02			.51
MORRISONVILLE																				.12	.05					.17
MT CARMEL WATER WORKS		.10																				.09	.01	.48	.32	1.00
MURPHYSBORO WATER WORKS	//	.01	.01	.02																			.48	.12	.01	.65
NEWTON			.01	.01																.02	.01		.12	.01		.18
OREGON														.05	.05	.08	.03	.04	.09	.02	.06	.03				.45
PARIS SEWAGE PLANT																						.22	.33			.55
PEORIA LOCK AND DAM	//																		.01	.03	.11	.14	.01			.30
PEORIA WB AIRPORT																	.01			.02	.08	.17	.02		.01	.31
PIPER CITY																						.01	.01	.03	.02	.07
PITTSFIELD WATER WORKS																			*	*	*	*	.25			.25
PRAIRIE DU ROCHER W WKS		.01		.02										.01				.01				.23	.01		.03	.32
PRINCETON 1 S	//												*	*	*	*	*	*	*	*	*	*		*	.35	.35
PROPHETSTOWN														.05	.02	.07	.01	.04	.09	.05	.01	.01		.02		.37
QUINCY CAA	6														*	*	*	*	*	.04	*	*	*	*	*	-
RICHVIEW																							.21			.21
ROCKFORD CAA	6														*	*	*	*	*	.41	*	*	*	*	*	-
SKOKIE N S TREAT WKS																		.01	.01	.01	.02	.04	.18	.10		.37
SPRINGFIELD WB AIRPORT	//																			.03	.02	.05	.03	.01		.14
SPRINGFIELD WB CITY																			.01	.01		.09	.01	.03	.01	.16
STICKNEY W SIDE TREAT																		.01			.03	.03	.12	.10		.29
SULLIVAN WATER WORKS	//									.01		.01				.01	.01	.01		.08	.02	.12	.03			.30
URBANA EXP FARM																					.33	.09	.06			.48
VANDALIA																				.24	.03	.18				.45
WASHINGTON																				.01	.14	.19	.15	.01		.50
WATERMAN	//															.02	.02	.01	.02	.03	.05	.10	.06	.03		.34
WENONA																					.10	.21	.04	.02		.37
														—9th—												
BRADFORD CAA	6	.22																								-
CAIRO WB CITY		.03	.03	.15	.06	.03																				.30
FAIRBURY WATER WORKS	//	.01																								.01
FARMER CITY		.01	.01																							.02
GALATIA 1W		.02		.03	.01	.01																				.07
GLENDALE EXP FARM			.01	.26	.15	.05	.01																			.48
GOLCONDA DAM 51		.01	.13	.05	.15	.03	.02																			.39
HUTSONVILLE	//	.09	.03																							.12
JOLIET WB AIRPORT	6	.26																								-
KANKAKEE SEWAGE PLANT		-	-	-	-	-	-	-	-																	-
MASON CITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.59	.59
MC HENRY														.01	.01			.01								.03
MT CARMEL WATER WORKS		.09	.01		.01		.04																			.15
MURPHYSBORO WATER WORKS	//				.03	.01																				.04
PARIS SEWAGE PLANT		.05	.04	.01																						.10
PIPER CITY		.04	.01																							.05
PRAIRIE DU ROCHER W WKS		.01																								.01
QUINCY CAA	6	.10																								-
RICHVIEW		.02	.01																							.03
ROCKFORD CAA	6	.12																								-
														—10th—												
CHICAGO CAL TREAT WKS												.01														.01
CHICAGO LOYOLA UNIV													.01													.01
CHICAGO WB AIRPORT															.01			.01								.02
CHICAGO WB CITY									.01																	.01
CRETE															.01	.02	.01	.01								.05
EVANSTON PUMP STA																						.01				.01
FREEPORT SEWAGE PLANT									.01																	.01
ILLINOIS CITY DAM 16					.01	.01																				.02
SKOKIE N S TREAT WKS												.01														.01
SPRINGFIELD WB AIRPORT	//					.01																				.01

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
–14th–																										
BELVIDERE SEWAGE PLANT																								.09	.09	.09
CAIRO WB CITY																								.01	.10	.11
LANARK																							.01	.01	.01	.03
MC HENRY																						*	*	*	*	*
OREGON																								.05	.14	.19
PROPHETSTOWN																								.09	.24	.33
–15th–																										
BEARDSTOWN LAGRANGE DAM	/	.02	.04	.02				.02												.05	.05					.20
BELLEVILLE SCOTT AF BSE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.12	.12
BELVIDERE SEWAGE PLANT		.01	.05	.02																						.08
CAIRO WB CITY			.01		.01	.02		.04	.09	.27		.01	.01											.02	.56	1.04
CARPENTER 1 SW		.07																					.23			.30
CHICAGO CAL TREAT WKS				.17	.11	.01			.02	.04	.01															.36
CHICAGO LAKEVIEW PUMP			.06	.50	.02	.02	.01	.01	.01	.01	.01	.01													.01	.67
CHICAGO LOYOLA UNIV			.15	.35		.01																		.02		.53
CHICAGO MAYFAIR PUMP ST			.11	.29	.01	.04	.02	.01	.02	.02	.01	.02	.01											.02		.58
CHICAGO N BRA PUMP STA			.07	.31		.02																		.02		.42
CHICAGO ROSELAND PUMP				.26	.02	.01		.01	.05	.01	.01	.01														.38
CHICAGO SAN DIST DISPAT			.02	.12		.06				.03														.04		.27
CHICAGO SAN DIST OFF			.04	.10		.03				.01														.04	.02	.24
CHICAGO S FILTER PL				.22	.06	.02			.02	.07																.39
CHICAGO SPRINGFLD PUMP			.02	.16	.04	.03	.02	.02	.03	.02	.02	.02	.02	.02												.42
CHICAGO UNIVERSITY							.37			.06															.02	.45
CHICAGO WB AIRPORT			.02	.14	.02	.10				.07														.03	.01	.39
CHICAGO WB CITY			.05	.09	.01	.04	.01			.02														.05	.01	.28
CISNE BROWN CAMP				.01	.04	.02	.01	.02	.16	.02	.01													.11	.08	.48
COLLINSVILLE		.04	.01																				.08	.01		.14
CRETE					.03	.04	.02	.01					.02													.12
DANVILLE HOSPITAL		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.71	.71
DIONA																								.10	.03	.13
DOWNS 2 NE						.04	.03		.07	.09	.02										.03	.03	.03	.01		.35
DWIGHT STATE REFORM			.03	.04																						.07
EFFINGHAM CAA	//			.14	.03			.01	.01	.03																.22
EVANSTON PUMP STA			.10	.23		.08																		.01		.42
FAIRBURY WATER WORKS	//									.03	.01												.02	.03		.09
FARMER CITY						.10	.20	.03															.15	.05		.53
FREEPORT SEWAGE PLANT																				.02	.43	.48	.37			1.30
FULTON DAM 13			.01	.02	.01															.04	.01	.10				.19
GLENDALE EXP FARM							.03	.01	.01	.03	.13	.08	.06							.01					.14	.50
GOLCONDA DAM 51							.02		.01	.06	.21	.01	.03												.16	.50
GREENFIELD			.01	.08	.12		.01			.01	.02									.06	.02	.12				.45
HOOPESTON						.05	.07		.01	.02	.01												.04	.21	.01	.42
HUDSON LK BLOOMINGTON						.04		.02	.02													.04				.12
HUTSONVILLE	//				.12		.04	.04	.05		.07	.01	.01	.01												.35
ILLINOIS CITY DAM 16																				.13	.04	.02	.01			.20
JACKSONVILLE SEWAGE PL				.07	.07	.01	.01														.02	.11	.01	.01	.01	.32
JOLIET WB AIRPORT	6		*		*	*	*	.18	*	*	*	*	*	.08							*	*	*	*	*	-
KANKAKEE SEWAGE PLANT											.01	.01	.02	.02												.06
LANARK		.01	.01																		.07	.26	.01			.36
LOCKPORT LOCK AND DAM			.04	.16	.02	.01			.15																	.38
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE			.03	.08			.16	.09	.01															.05		.42
MAROA					.35	.08	.02																.41		.02	.88
MASON CITY							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.20	.20
MC HENRY		*	*	*	*	*	*	*	*	*	*	*	.70													.70
MOLINE WB AIRPORT																					.01					.01
MORRISONVILLE					.01	.07	.01																			.09
MT CARMEL WATER WORKS								.05		.01	.01			.05	.05											.17
MURPHYSBORO WATER WORKS	//					.01	.02	.12	.01	.04														.05		.25
NEWTON		*	*	*	*	*	*	*	*	.28														.02	.03	.33
OREGON		.03	.06																							.09
PARIS SEWAGE PLANT										.05	.01	.01												.17	.15	.39
PEORIA LOCK AND DAM	//							.06	.01											.04	.01					.12
PEORIA WB AIRPORT								.27												.06						.33
PIPER CITY										.15	.07	.01		.01									.12	.09		.45
PITTSFIELD WATER WORKS			.04	.20															.01	.04	.03					.32
PROPHETSTOWN		.01																								.01
QUINCY CAA	6		*	*	*	*	*	.05																		-
QUINCY DAM 21			.02	.01																						.03
RICHVIEW		.01	.01			.02	.04	.01																		.09
ROCKFORD CAA	6		*	*	*	*	*	.01																		-
SKOKIE N S TREAT WKS		.01	.13	.18		.05																				.37
SPRINGFIELD WB AIRPORT	/				.04	.02					.01										.02	.20	.07			.36
SPRINGFIELD WB CITY					.01	.02																.19	.08			.30
STICKNEY W SIDE TREAT			.04	.10		.04				.02														.09	.01	.30
SULLIVAN WATER WORKS	/																.01	.01	.01					.07		.10
URBANA EXP FARM						.27	.03	.05																.22		.57
VANDALIA			.02	.12			.06	.06	.05	.02																.33
WASHINGTON				.02	.03	.02	.02	.01											.04	.02						.16
WATERMAN	/	.01	.24	.01																						.26
–16th–																										
CAIRO WB CITY		.12	.01																							.13
GLENDALE EXP FARM		.10	.17																							.27
GOLCONDA DAM 51		.23	.07																							.30
JACKSONVILLE SEWAGE PL			.01	.01	.01	.01	.01																			.05
JOLIET WB AIRPORT	6	.01																								-
MAROA		.01	.02	.01																						.04
MT CARMEL WATER WORKS		.32	.08																							.40
–18th–																										
CAIRO WB CITY																								.05		.05
GALATIA 1W																									.03	.03
GLENDALE EXP FARM													.05	.09	.07	.02										.23
GOLCONDA DAM 51																									.01	.01
LOUISVILLE																									.07	.07
MORRISONVILLE																							.06	.01		.07
MURPHYSBORO WATER WORKS																								.01	.01	.02
–19th–																										
ALEXIS WATER WORKS																	.02	.10	.01	.03	.04	.07	.03	.01	.01	.32
AUGUSTA																	.04	.02	.14	.15	.10	.08	.04	.01		.58
BEARDSTOWN LAGRANGE DAM	//																		.08	.22	.13	.21	.03	.03	.03	.73
BELLEVILLE SCOTT AF BSE	//						.01		.01	.01													.52	.37	.29	1.21
BRADFORD CAA	6														*	*	*		*	.07	*	*	*	*	*	-
CAIRO WB CITY		.02	.01																.05	.08	.15	.23	.13	.03	.05	.75
CARPENTER 1 SW																							.52	.34	.16	1.02
CHICAGO CAL TREAT WKS																				.12	.06	.05	.09	.11	.04	.47
CHICAGO LAKEVIEW PUMP														*	*	*	*	*	*	*	*	*	*	*	.10	.10

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHICAGO LOYOLA UNIV																					.05	.04	.07	.08	.04	.28
CHICAGO MAYFAIR PUMP ST																					.05	.04	.06	.07	.04	.26
CHICAGO N BRA PUMP STA																				.03	.05	.03	.08	.07	.03	.29
CHICAGO ROSELAND PUMP																				.07	.07	.03	.06	.08	.03	.34
CHICAGO SAN DIST DISPAT																				.05	.04	.04	.04	.05	.03	.25
CHICAGO SAN DIST OFF																				.05	.04	.06	.05	.08	.04	.32
CHICAGO S FILTER PL																				.07	.08	.05	.09	.09	.04	.42
CHICAGO SPRINGFLD PUMP																				.05	.05	.03	.07	.09	.03	.32
CHICAGO UNIVERSITY																									.40	.40
CHICAGO WB AIRPORT																				.05	.04	.04	.05	.06	.02	.26
CHICAGO WB CITY																				.07	.04	.04	.05	.08	.04	.32
CISNE BROWN CAMP		.04		.01	.02	.03	.05	.02	.11	.09	.19	.11	.10	.20		.01	.04	15	.05	.10	.05	.12	.11	.22	.59	2.41
COLLINSVILLE														.01	.04							.17	.64	.21	.22	1.29
COULTERVILLE			.01	.18	.01	.01	.18	.04	.08	.26	.11		.02	.01					.03					.41	.27	1.62
CRETE																			.08	.10	.05	.04	.11	.10	.04	.52
DANVILLE HOSPITAL																				.22	.30	.10	.25	.36	.14	1.37
DIONA													.01	.02	.02	.01	.14	.19	.12	.01	.01	.01		.27	.27	1.08
DOWNS 2 NE																			.13	.04	.10	.13	.13	.05	.06	.64
DWIGHT STATE REFORM																			.09	.11	.04	.06	.12	.08	.05	.55
EFFINGHAM CAA	/	.01	.01											.02	.02	.05	.08	.17	.01				.01	.50	.20	1.08
EVANSTON PUMP STA																					.03	.04	.04	.07	.04	.22
FAIRBURY WATER WORKS	//																	.09	.17	.10	.12	.11	.14	.08	.05	.86
FARMER CITY																		.02	.14	.07	.12	.13	.24	.19	.03	.94
FULTON DAM 13																						.02	.01		.01	.04
GALATIA 1W			.01	.03		.01	.01	.21	.03	.01	.01	.03				.01	.01	.05	.07	.04	.05	.09	.10	.15	.20	1.12
GLENDALE EXP FARM																			.11	.05	.07	.15	.06	.28	.06	.78
GOLCONDA DAM 51		.08	.09	.01														.01	.03	.06	.06	.23	.37	.03	.05	1.02
GREENFIELD																			.04	.04	.44	.37	.16	.10	.06	1.21
HOOPESTON																		.02	.04	.14	.14	.11	.14	.24	.09	.92
ILLINOIS CITY DAM 16																					.04	.07				.11
JACKSONVILLE SEWAGE PL																	.06	.12	.04	.26	.23	.19	.10	.09	.01	1.10
JOLIET WB AIRPORT	6																				*	*	*	*	-	-
KANKAKEE SEWAGE PLANT																					.14	.17	.06	.06	.12	.55
KEWANEE BAKER PARK																	.02	.07	.03	.01	.09	.04	.04	.01	.01	.32
LANARK																					.01	.01				.02
LAWN RIDGE																	.01	.03	.10	.10	.05	.04	.11	.08	.05	.57
LOCKPORT LOCK AND DAM																				.08	.08	.02	.10	.08	.04	.40
LOCKPORT POWER HOUSE																			.01	.07	.04	.03	.08	.08	.03	.34
LOUISVILLE		.02	.01							.01	.01	.04	.05	.10	.10		.09	.06		.01	.01		.01	.09	.64	1.25
MARIETTA																	.02	.05	.02	.08	.14	.10	.10	.05	.01	.57
MAROA																		.02	.18	.09	.07	.14	.22	.07	.02	.81
MASON CITY																	.03	.21	.08	.01	.10	.10	.10	.09	.10	.82
MOLINE WB AIRPORT																					.01	.03	.02	.02	.02	.10
MORRISONVILLE																		.04	.01	.01	.06	.40	.40	.14	.07	1.13
MT CARMEL WATER WORKS			.04	.01		.05	.29	.06	.24	.05	.06	.17	.04	.09	01			.30	.05	.06	.09	.04	.01	.15	.20	2.01
MURPHYSBORO WATER WORKS	//	.05	.03	.01	.09	.05		.06						.01	.02	.01		.05	.04	.10	.15	.54	.24	.08	.01	1.54
NEWTON		.02			.01					.01	.01	.04		.07	.08	.09	.01	.08	.02						.35	.79
OREGON																							.02	.01	.01	.04
PARIS SEWAGE PLANT																.01	.04								.01	.06
PEORIA LOCK AND DAM	//																	.05	.04	.06	.17	.10	.12	.07	.04	.65
PEORIA WB AIRPORT																		.10	.04	.02	.14	.11	.10	.08	.06	.65
PIPER CITY						.05	.17	.25	.08	.13	.11	.11	.05	.04	.01	.01										1.01
PITTSFIELD WATER WORKS															.02	.01	.02		.10	.10	.07	.23	.02	.01		.58
PRAIRIE DU ROCHER W WKS		.02	.06	.07			.09	.02	.02	.01	.02					.01							.01	.36	.27	.96
PRINCETON 1 S	//																	.04	.03	.05	.05	.10	.07	.07	.01	.42
PROPHETSTOWN																					.05	.04	.02	.02		.13
QUINCY CAA	6														*	*	*	*	*	.23	*	*	*	*	=	-
QUINCY DAM 21																		.04	.18	.14	.22	.15				.73
RICHVIEW			.02	.02			.10	.14	.01	.11	.32	.02	.05	.05			.02							.03	.53	1.42
SKOKIE N S TREAT WKS																				.01	.04	.03	.05	.07	.04	.24
SPRINGFIELD WB AIRPORT	//																.01	.09	.02	.21	.31	.31	.23	.07	.06	1.31
SPRINGFIELD WB CITY																	.03	.23	.02	.11	.35	.30	.24	.07	.05	1.40
STICKNEY W SIDE TREAT																				.06	.04	.04	.06	.07	.03	.30
SULLIVAN WATER WORKS	//												.01	.01	.01	.01	.05		.07		.10	.26	.39	.40	.15	1.46
URBANA EXP FARM																		.01	.08	.15	.12	.09	.24	.22	.08	.99
VANDALIA													.04	.01	.04	.02		.01					.30	.35	.18	.95
WASHINGTON																		.08	.10	.08	.11	.09	.09	.05	.06	.66
WENONA																			.12	.06	.02	.11	.19	.08	.02	.60
														—20th—												
BEARDSTOWN LAGRANGE DAM	//	.01	.01																							.02
BELLEVILLE SCOTT AF BSE	//	.03	.02																							.05
BRADFORD CAA	6	.27	*	*	*	*	*	.11																		-
CAIRO WB CITY		.79	.88																							1.67
CARPENTER 1 SW		.05	.05																							.10
CHICAGO CAL TREAT WKS		.05	.04		.01																					.10
CHICAGO LAKEVIEW PUMP		*	*	*	*	*	*	*	*	*	*	.08														.08
CHICAGO LOYOLA UNIV		.03	.02																							.05
CHICAGO MAYFAIR PUMP ST		.02	.04	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01												.18
CHICAGO N BRA PUMP STA		.01																								.01
CHICAGO ROSELAND PUMP		.04	.04	.02		.01		.01			.02															.14
CHICAGO SAN DIST DISPAT		.03		.01																						.04
CHICAGO SAN DIST OFF		.03	.02																							.05
CHICAGO S FILTER PL		.07	.05	.02																						.14
CHICAGO SPRINGFLD PUMP		.04	.03	.02	.02	.02	.02	.01	.02	.02	.01	.02	.02													.25
CHICAGO UNIVERSITY					.02																					.02
CHICAGO WB AIRPORT		.02	.01																							.03
CHICAGO WB CITY		.03	.05	.01	.01																					.10
CISNE BROWN CAMP		.17	.03	.01																						.21
COLLINSVILLE		.03	.02																							.05
COULTERVILLE		.08																								.08
CRETE		.04	.02	.01																						.07
DANVILLE HOSPITAL		.08	.02	.04	.01																					.15
DIONA		.18	.10																							.28
DOWNS 2 NE		.02	.01	.01																						.04
DWIGHT STATE REFORM		.05																								.05
EFFINGHAM CAA	//	.25	.05																							.30
EVANSTON PUMP STA		.03	.01	.01																						.05
FAIRBURY WATER WORKS	//	.01	.04	.01																						.06
FARMER CITY		.04	.03																							.07
GALATIA 1W		.20	.13	.01	.01																					.35
GLENDALE EXP FARM		.32	.29	.07	.01																					.69
GOLCONDA DAM 51		.67	.43	.09																						1.19
GREENFIELD		.02																								.02
HOOPESTON		.06	.03	.02																						.11
HUDSON LK BLOOMINGTON						.16	.08	.14	.11	.11	.06	.10	.03													.79
JOLIET WB AIRPORT	6	.43	*	*	*	*	*	.02																		-
KANKAKEE SEWAGE PLANT		.12	.05	.03	.03				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWN RIDGE		.02																								.02
LOCKPORT LOCK AND DAM		.04	.02																							.06
LOCKPORT POWER HOUSE		.02	.01																							.03
LOUISVILLE		.23	.06																							.29
MARIETTA				.01	.01	.01																				.03
MAROA		.01	.02	.02																						.05
MASON CITY		.06	.04																							.10
MORRISONVILLE		.08																								.08

See reference notes following Station Index.

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
MT CARMEL WATER WORKS		.47	.20	.03																						.70
MURPHYSBORO WATER WORKS	//	.01																								.01
NEWTON		.20	.15																							.35
PARIS SEWAGE PLANT		.02																.19	.20	.11			.10	.24	.29	1.15
PEORIA LOCK AND DAM	/	.01	.02																							.03
PEORIA WB AIRPORT		.02	.02	.01	.01	.01																				.07
PRAIRIE DU ROCHER W WKS		.08	.04																							.12
QUINCY CAA	6	.35	*	*	*	*	*	.01																		-
RICHVIEW		.11	.01																							.12
SKOKIE N S TREAT WKS		.02	.01																							.03
SPRINGFIELD WB CITY		.02		.02	.01		.01																			.06
STICKNEY W SIDE TREAT		.02														.01										.03
SULLIVAN WATER WORKS	/	.08	.03																							.11
URBANA EXP FARM		.03	.02					.01																		.06
VANDALIA		.02																								.02
WASHINGTON		.01	.02			.03	.03																			.09
—21st—																										
MARIETTA									.05	.05	.01															.11
PARIS SEWAGE PLANT		.26	.15	.05																						.46
PIPER CITY																									.05	.05
—22d—																										
ALEXIS WATER WORKS									.02	.03	.02	.03														.10
AUGUSTA										.03	.04															.07
BEARDSTOWN LAGRANGE DAM	//											.05				.01	.01									.07
BELLEVILLE SCOTT AF BSE	//								.03																	.03
BRADFORD CAA	6														*	*	*	*	*	.03						-
CAIRO WB CITY								.02																		.02
CISNE BROWN CAMP													.05	.07	.02	.01										.15
DIONA														.03	.03	.04	.02	.01								.13
EFFINGHAM CAA	//													.10	.05	.01										.16
FAIRBURY WATER WORKS	//											.03	.12	.02												.17
FREEPORT SEWAGE PLANT													.03	.04	.03											.10
FULTON DAM 13											.03	.01	.01	.02												.07
HUDSON LK BLOOMINGTON																		.01	.01	.01	.01	.01				.05
HUTSONVILLE	//													.03	.04	.01	.01									.09
ILLINOIS CITY DAM 16										.05	.03	.02	.02													.12
JACKSONVILLE SEWAGE PL												.03	.03	.02	.01											.09
KEWANEE BAKER PARK								.05																		.05
LANARK													.01	.01	.01											.03
LAWN RIDGE													.01	.04	.01	.01										.07
MC HENRY																			.03	.01	.01					.05
MOLINE WB AIRPORT										.01	.04	.01	.01													.07
MT CARMEL WATER WORKS														.04	.09	.01										.14
NEWTON													.05	.10				.01	.02							.18
PEORIA LOCK AND DAM	//										.04	.05	.03	.01												.13
PEORIA WB AIRPORT											.06	.08	.07	.02												.23
PIPER CITY		.05		.02																				.04	.03	.14
PITTSFIELD WATER WORKS															.05	.05	.01	.01	.01							.13
PRINCETON 1 S	//													.01	.01	.01										.03
PROPHETSTOWN												.01	.01	.01												.03
QUINCY CAA	6								*	*	*	*	*	.04												-
QUINCY DAM 21											.01	.01														.02
RICHVIEW											.01	.03	.01													.05
ROCKFORD CAA	6														*	*	*	*	*	.02	*	*	*	*	*	-
SPRINGFIELD WB AIRPORT	//														.01	.01										.02
SPRINGFIELD WB CITY														.02	.02											.04
SULLIVAN WATER WORKS	//													.12	.09	.01										.22
WASHINGTON												.03	.04	.01	.02											.10
WATERMAN	//																			.03	.02	.05	.05	.03	.02	.20
WENONA															.04	.05	.01									.10
—23d—																										
BEARDSTOWN LAGRANGE DAM	//									.05	.04	.01														.10
BELLEVILLE SCOTT AF BSE	//											.02	.01													.03
BRADFORD CAA	6								*	*	*	*	*	.01												-
CAIRO WB CITY																	.04	.02	.02	.13	.03					.24
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP													.01													.01
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST												.01	.02	.01												.04
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP												.04	.01													.05
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL												*	.07													.07
CHICAGO SPRINGFLD PUMP												.02	.04	.02	.01											.09
CHICAGO UNIVERSITY													.07													.07
CHICAGO WB AIRPORT											.01	.02	.01													.04
CHICAGO WB CITY											.02	.03	.04													.09
COLLINSVILLE									.01	.01	.01	.01	.01													.05
COULTERVILLE										.02																.02
CRETE											.01	.05	.02	.03												.11
DANVILLE HOSPITAL											*	*	.10													.10
DIONA												.01	.06	.01												.08
DWIGHT STATE REFORM										.04	.02	.01														.07
EFFINGHAM CAA	/									.01		.01	.05													.07
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//									.01	.01	.07	.04	.01												.14
FARMER CITY										*	*	*	.06													.06
FREEPORT SEWAGE PLANT							.04	.02																		.06
GALATIA 1W															.04	.01	.01	.03	.01							.10
GLENDALE EXP FARM														*	*	*	*	*	*	*	.47					.47
GOLCONDA DAM 51															.02	.03	.08	.05	.04	.02						.24
GREENFIELD												.04	.01													.05
HOOPESTON													.08	.02												.13
HUDSON LK BLOOMINGTON					.02	.02																				.04
HUTSONVILLE	//											.04	.02	.01												.07
ILLINOIS CITY DAM 16				.02	.01																					.03
JACKSONVILLE SEWAGE PL									.02	.01	.03															.06
JOLIET WB AIRPORT	6								*	*	*	*	*	.14												-
LANARK							.01	.03	.01																	.05
LOCKPORT LOCK AND DAM										.01	.02	.02	.02													.07
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE														.03	.02	.02	.03									.10
MAROA										.02	.02	.01														.05
MASON CITY											.06	.01														.07
MORRISONVILLE												.02	.12	.01												.15
MT CARMEL WATER WORKS														.05	.03	.02										.10
MURPHYSBORO WATER WORKS	/										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NEWTON													.05	.03												.08
PARIS SEWAGE PLANT																	.03	.01	.01						.02	.07
PEORIA LOCK AND DAM									.01	.09	.04															.14

See reference notes following Station Index.

Table 4—Continued

HOURLY PRECIPITATION

ILLINOIS
NOVEMBER 1950

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PEORIA WB AIRPORT									.01	.03	.02														.06
PRINCETON 1 S	//								.01	.02															.03
QUINCY CAA	6								*	*	*	*	*	.04											-
QUINCY DAM 21								.02	.07	.03	.02														.14
RICHVIEW											.01		.03	.01	.03										.08
ROCKFORD CAA	6	.01	*	*	*	*	*	.01																	-
SPRINGFIELD WB AIRPORT	//										.02	.01													.03
SPRINGFIELD WB CITY											.05	.02													.07
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS	//										.01	.03	.04												.08
URBANA EXP FARM												.03	.05												.08
VANDALIA												.05	.10	.02											.17
WASHINGTON										.03	.07	.01													.11
WATERMAN	//	.02																							.02
													−24th−												
BELLEVILLE SCOTT AF BSE	//											.02		.02											.04
BRADFORD CAA	6		*	*	*	*	*	.01																	-
CISNE BROWN CAMP									.01	.01	.01	.01	.01												.05
COLLINSVILLE													.01	.01											.02
GREENFIELD										.01	.03	.02	.01	.01											.08
LOCKPORT LOCK AND DAM										.02	.01	.01													.04
LOUISVILLE											.03	.01	.01												.05
MORRISONVILLE											.05	.05	.01												.11
MURPHYSBORO WATER WORKS	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.09			.09
PARIS SEWAGE PLANT		.02																								.02
ROCKFORD CAA	6																				*	*	*	*	*	-
SPRINGFIELD WB AIRPORT	//									.01																.01
VANDALIA													.03													.03
													−25th−												
CHICAGO LAKEVIEW PUMP														*	*	*	*	*	*	*	*	*	*	*	.03	.03
CHICAGO ROSELAND PUMP																			.01							.01
CHICAGO UNIVERSITY																									.05	.05
DANVILLE HOSPITAL									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEWANEE BAKER PARK										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT CARMEL WATER WORKS				.01			.01	.01																		.03
PIPER CITY										.03		.04	.01													.08
ROCKFORD CAA	6	.01																								-
SKOKIE N S TREAT WKS																									.02	.02
													−26th−												
BELVIDERE SEWAGE PLANT								.01	.03	.02	.01															.07
BRADFORD CAA	6								*	*	*	*	*	.01	*	*	*	*	*	.10	*	*	*	*	*	-
CHICAGO LAKEVIEW PUMP		*	*	*	*	*	*	*	*	*	*	*	*	.06												.06
CHICAGO MAYFAIR PUMP ST		.01	.17	.01	.05	.17	.21	.03	.01	.01	.02	.01														.70
CHICAGO ROSELAND PUMP		.01	.02	.03	.01	.01	.05	.06	.03	.01																.23
CHICAGO S FILTER PL		*	*	*	*	*	*	*	*	*	*	.37														.37
CHICAGO SPRINGFLD PUMP		*	*	*	*	*	*	.55																		.55
CHICAGO UNIVERSITY																									.22	.22
CHICAGO WB AIRPORT		.07	.03	.10	.04	.05	.10	.03	.01												.01	.02				.46
CHICAGO WB CITY		.03	.02	.05	.03	.03	.06	.02	.01												.01	.02				.28
DIONA			.02	.01	.02	.03	.03	.02		.02	.02	.01	.01	.02	.02											.23
DOWNS 2 NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DWIGHT STATE REFORM				.03	.01	.01																				.05
EFFINGHAM CAA	//			.02	.01						.01	.01	.02	.01	.01											.09
FAIRBURY WATER WORKS	//								.08	.04	.08	.02	.03	.05	.04	.04	.02	.05	.05							.50
FARMER CITY										.01	.02	.01		.01	.01	.01										.07
FREEPORT SEWAGE PLANT													.02	.07	.04	.09	.06	.04	.01	.01						.34
HOOPESTON		.04	.05	.04	.02	.03	.06	.07	.07	.04	.01															.43
HUDSON LK BLOOMINGTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.36	.36
HUTSONVILLE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.48	.48
JOLIET WB AIRPORT	6		*	*	*	*	*	.03	*	*	*	*	*	.14							*	*	*	*	*	-
LANARK												.01	.02	.05	.05	.05	.03									.21
LOCKPORT LOCK AND DAM						.01	.02		.03																	.06
MARCA												.01	.02	.03	.01	.01	.01									.09
MC HENRY			.01	.01			.01	.02		.02	.02															.09
MT CARMEL WATER WORKS							.01	.05	.01		.03	.01														.11
NEWTON		.01	.01	.03	.01	.01		.01	.03	.03	.04	.04			.01			.01								.24
OREGON												.03	.01	.01	.01	.04	.01	.01								.12
PEORIA LOCK AND DAM	//												.02	.01	.02	.04	.01									.10
PEORIA WB AIRPORT												.03	.04	.01	.01	.01										.10
PIPER CITY			.01	.01	.02	.01		.01	.03	.03																.12
PRINCETON 1 S	//											.01	.04	.06	.01	.04	.03	.03								.22
PROPHETSTOWN											.01	.01	.02		.03	.05	.04									.16
ROCKFORD CAA	6								*	*	*	*	*	.13	*	*	*	*	*	.11	*	*	*	*	*	-
SKOKIE N S TREAT WKS		.02	.02	.02	.01	.02	.05	.04																		.18
SPRINGFIELD WB AIRPORT	//																		.01							.01
SPRINGFIELD WB CITY															.01	.01	.01									.03
SULLIVAN WATER WORKS	//		.04			.01			.01	.03	.01	.01	.04	.01	.01	.01	.01									.19
URBANA EXP FARM				.01	.01			.01	.02	.01	.01			.01												.08
WASHINGTON									.02	.01			.02	.01	.02	.01	.02									.11
WATERMAN	//								.01	.02	.01															.04
WENONA									.02	.01	.03	.01	.0'	.01	.03	.05	.01									.18
													−27th−												
BRADFORD CAA	6	.02																								-
JOLIET WB AIRPORT	6	.02																								-
ROCKFORD CAA	6	.06																								-
													−30th−												
CAMP ELLIS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DANVILLE HOSPITAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANKAKEE SEWAGE PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEWANEE BAKER PARK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANARK																									.12	.12
LOCKPORT POWER HOUSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIPER CITY																							.02	.03	.02	.07
PROPHETSTOWN																									.17	.17
RANTOUL CHANUTE AF BASE	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST FRANKFORT 8 E		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

ILLINOIS
NOVEMBER 1950

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	80	54	47	46	62	59	56	46	39	30	37	41	50	53	72	65	44	59	55	41	46	39	35	11	19	31	32	31	43	39		45.4
	MIN	51	39	32	27	25	44	40	35	28	22	12	24	23	30	50	36	21	32	40	14	14	25	5	-2	4	20	18	17	13	23		25.4
ALTON DAM 26	MAX	84	66	48	46	60	72	52	50	46	32	36	54	52	54	62	65	48	60	56	50	44	44	30	30	22	35	33	28	40	52		48.4
	MIN	50	39	36	32	30	42	44	36	29	22	16	22	28			32	26	26		26	22	28	10	5	7	23	21	18	20	28		26.6
ANNA 1NW	MAX	82	73	49	45	54	67	64	62	62	35	39	47	53	62	60	62	51	58	63	65	40	57	49	24	25	34	36	35	41	54		51.6
	MIN	61	45	38	35	26	41	50	44	33	25	17	23	24	28	43	43	26	34	44	30	21	34	22	-1	-5	17	20	18	17	33		29.5
ANTIOCH	MAX	77	61	44	39	51	56	48	52	44	32	30	35	41	52	55	58	42	50	50	40	41	34	30	7	24	31	32	32	29	29		41.5
	MIN	47	36	37	28	27	42	38	30	30	26	12	21	18	26	45	36	25	30	39	20	17	19	4	-5	-3	23	25	24	20	20		25.2
AURORA COLLEGE	MAX	81		48	44	54	57	52	52	49	31	32	38	44	54	56	61	42	54	52	33	38	34	26	11	19	32	33	32	33	34		42.3
	MIN	59	35	34	30	18	40	30	32	29	25	8	18	18	24	46	38	21	28	28	17	14	17	3	-3	-5	15	23	20	22	15		23.3
BELLEVILLE SCOTT AF	MAX	84	53	48	44	57	68	51	53	38	32	33	49	48	59	65	63	47	59	64	49	43	45	36	11	24	35	33	30	41	48		47.0
	MIN	54	40	37	33	27	45	44	38	31	23	15	24	30	28	51	35	29	36	47	25	25	28	11	4	5	25	24	21	22	31		29.6
BLOOMINGTON NORMAL	MAX	82	78	47	45	55	61	55	49	45	32	34	42	47	54	58	57	44	55	51	51	40	40	33	13	17	28	29	30	35	37		44.8
	MIN	65	40	38	33	25	43	37	34	30	25	26	25	30	32	50	38	24	34	46	19	16	24	13	-1	-1	14	18	15	16	22		27.7
CAIRO WB CITY	MAX	81	69	49	45	55	67	67	65	53	35	38	47	53	62	66	61	49	55	68	68	44	57	54	17	23	38	37	35	40	53		51.7
	MIN	64	47	39	37	31	44	54	50	33	28	25	29	29	38	49	42	34	38	48	31	28	42	15	6	5	23	28	24	23	35		34.0
CARBONDALE SEWAGE PL	MAX	82	77	52	43	55	66	65	64	64	35	35	48	53	65	62	65	50	57	64	65	41	57	54	23	22	34	35	32	41	52		51.9
	MIN	63	45	39	37	27	43	45	49	34	27	17	20	22	45	49	45	26	29	37	32	22	35	22	5	0	16	22	19	19	33		30.8
CARLINVILLE 4E	MAX	84	69	48	46	57	64	52	49	48	31	34	48	50	57	59	60	46	59	55	53	43	36	34	10		35						49.1
	MIN	51	38	32	30	20	41	36	36	30	26	10	12	28	35	45	34	19	29	45	20	15	24	10	-1	-4	15	15	15	17	29		25.1
CARLYLE	MAX	85	69	49	45	57	67	57	57	59	37	35	49	50	61	62	65	50	60	63	64	40	44	38	17	23	34	34	30	42	47		49.7
	MIN	63	40	32	31		49	40	41	29				28	32	57	41	42			29		35	12	4						34		
CHARLESTON	MAX	84	74	48	45	53	66	58	48	46	33	35	45	49	59	57	61	49	54	55	58	41						29	31	36	43		50.3
	MIN	62	42	38	35	24	43	41	42	31	26	16	19	29	29	49	38	26	32	46	24	17						19	17	25	28		31.9
CHICAGO HEIGHTS	MAX	80	62	47	44	52			59	40	29	34	38	45	54	61	45	45	52	52	48	28	34	34	9	21	34	33	33	33	35		42.2
	MIN	62	38	36	30	20			39	29	18	9	20	21	31	45	35	24	31	42	19	15	19	-2	-6	-7	20	23	23	21	17		24.0
CHICAGO UNIVERSITY	MAX	80	48	48	43	51	57	50	50	37	31	31	38	43	56	61	61	44	52	53	37	38	36	33	5	31	34	34	33	32	34		42.7
	MIN	47	42	42	30	29	45	43	37	31	24	17	26	27	32	48	38	31	35	37	23	21	29	1	0	2	28	27	27	26	25		29.0
CHICAGO WB AIRPORT	MAX	81	47	47	40	53	58	51	52	36	30	31	39	44	55	61	60	45	53	52	35	39	36	30	7	29	33	33	32	32	32		42.4
	MIN	47	40	35	27	25	41	38	35	30	22	15	23	22	28	48	38	27	31	35	19	18	23	-1	-2	0	28	24	25	24	20		26.2
CHICAGO WB CITY	MAX	79	49	47	43	50	58	51	51	38	32	31	38	43	55	60	60	44	52	53	38	39	37	35	18	31	32	34	35	32	33		43.3
	MIN	49	43	41	32	31	46	44	38	32	24	19	28	28	35	50	39	32	36	38	23	23	30	3	0	5	28	27	28	28	24		30.1
CICERO	MAX	81	69	47	42	53	60	52	52	46	32	34	40	50	55	55	60	46	54	52	45	40	36	33	9	24	34	33	33	34	35		44.5
	MIN	62	40	39	31	25	43	37	44	31	25	14	24	22	28	47	38	28	31	43	21	18	24	4	-3	0	21	25	26	25	21		27.8
DANVILLE	MAX	82	62	45	44	52	65	58	48	50	38	36	42	47	56	58	61	46	53	53	51	36	37	37	15	20	32	31	33	35	43		45.5
	MIN	62	40	39	35	23	43	36	42	32	24	15	21	28	27	42	38	28	21	45	20	16	21	6	-3	-6	20	23	19	25	25		26.9
DECATUR	MAX	82	62	46	45	55	64	54	47	46	31	35	46	50	56	59	59	48	57	53	51	40	37	34	8	17	26	29	30	38	42		44.9
	MIN	62	42	35	31	25	45	40	42	30	26	15	24	28	32	49	36	23	32	47	20	17	25	4	-1	-2	16	18	15	19	28		27.4
DIXON	MAX	79	55	50	44	57	57	53	48	43	29	35	40	46	55	61	57	44	55	52	34	45	33	31	10	21	30	35	31	35	35		43.3
	MIN	55	32	30	28	22	39	32	27	28	24	9	24	21	28	47	37	21	30	34	16	17	18	4	-8	-3	16	19	18	20	15		23.3
DU QUOIN	MAX	82	76	50	43	55	65	60	60	55	35	35	48	50	62	66	66	49	58	60	56	41	50	43	28	21	34	34	33	41	51		50.2
	MIN	62	45	39	36	28	41	50	44	35	25	18	25	28	32	50	41	26	35	36	26	22	31	24	5	0	16	23	28	20	33		30.8
EAST ST LOUIS	MAX	86	70	48	46	61	60	55	52	53	34	36	52	50	60	63	66	43	61	62	62	45	49	38	15	23	37	36	32	44	48		49.6
	MIN	64	46	38	39	29		44	43	32	28	19	23	31	31	55	43	28	36	48	28	24	29	14	3	4	9	16	21	20	34		30.3
EFFINGHAM CAA	MAX	82	52	45	45	58	63	56	57	38	32	32	46	48	59	63	64	48	56	61	50	40	37	34	8	23	30	29	30	37	44		45.6
	MIN	49	39	37	28	23	43	39	37	29	25	16	22	30	29	49	32	25	31	45	20	18	24	5	-4	-6	21	19	19	24	30		26.6
ELIZABETHTOWN	MAX	83	75	52	44	55	67	61	61	60	35	39	48	54	65	62	61	52	59	62	62	42	51	55	23	23	31	34	35	37	55		51.4
	MIN	60	49	39	36	28	44	51	49	34	29	17	22	25	30	48	48	27	32	45	32	20	38	23	1	-9	14	26	24	29	33		31.5
FLORA	MAX	86	76			69	67	61	58	62	51	48	48	48	60	58	63	47	57	59	62	57	55	55	45	40	32	32	31	38	48		54.0
	MIN	63				28	43	42	43	33	23	19	20	28	27	49	43	25	32	41	26	27	25	16	5	1	16	21	19	25	33		28.6
FREEPORT	MAX	77	49	47	40	56	57	47	45	37	30	33	39	43	53	60	59	41	54	50	36	45	31	31	22	24	30	31	31	30	31		42.0
	MIN	48	36	25	24	20	37	34	26	29	21	9	23	17	25	47	35	22	32	35	15	17	16	-3	-12	-8	23	20	18	14	11		21.9
FULTON DAM 13	MAX	77	53	47	42	58	56	51	48	43	31	35	39	45	52	68	64	48	55	51	42	46	40	34	12	22	30	31	31	35	34		44.0
	MIN	52	41	37	33	28	44	38	35	30	24	12	27	24	27	48	37	24	29	41	18	18	23	5	-2	5	18	19	21	18	25		26.6
GALESBURG	MAX	79	62	49	45	60	58	49	45	34	32	35	42	44	55	70	52	46	57	56	41	45	40	30	10	28	30	30	30	40	48		44.7
	MIN	46	35	34	30	30	41	39	34	30	20	16	20	28	28	52	30	22	30	40	18	18	29	4	0	4	12	16	18	16	26		25.5
GALVA	MAX	83	64	49	45	59	58	47	46	46	36	36	42	49	53	68	65	44	58	56	42	44	37	34	11	23	30	34	32	41	38		45.7
	MIN	58	38	30	27	23	41	37	29	27	19	9	24	23	28	50	36	19	30	32	15	13	24	5	-3	2	18	17	17	13	24		24.2
GOLCONDA DAM 51	MAX	83	67	59	42	54	66	68	64	63	35	38	47	52	64	62	64	50	58	63	64	42	43	56	32	23	33	34	36	38	56		51.9
	MIN	57	44	36	30	27	40	50	48	29	23	19	25	27	30	46	34	28	32	43	24	20	37	13	-4	-4	16	24	20	24	32		29.0
GREENVILLE	MAX	83	68	48	45	56	66	54	51	51	32	34	49	50	58	64	64	48	59	60	62	41	40	35	11	22	33	32	30	40	46		47.7
	MIN	62	43	36	34	26	40	44	43	31	27	15	21	30	29	49	30	25	32	47	25	19	28	11	2	0	11	20	18	22	32		28.4
GRIGGSVILLE	MAX	84	60	50	46	63	64	55	48	38	30	38	47	50	58	70	62	46	58	55	51	46	39	33	13	20	36	31	29	40	44		46.8
	MIN	57	40	30	25	21	43	39	36	27	22	14	21	29	27	48	33	20	30	45	17	18	27	9	-1	-1	15	16	13	16	25		25.4
HARRISBURG	MAX	84	72	50	44	56	68	67	63	63	38	38	50	51	66	64	65	50	62	63	65	42	52	50	20	24	33	34	34	43	52		52.1
	MIN	63	47	40	37	26	43	46	47	34	29	17	21	24	25	50	42	25	29	47	22	22	32	20	0	-2	16	25	22	27	35		30.4
HAVANA	MAX	84	60	50	44	59	62	53	48	48	32	37	45	48	54	67	63	45	56	61	48	44	38	31	11	21	33	33	32	40	42		46.3
	MIN	60	44	35	30	23	44	39	38	30	25	13	25	29	27	50	36	21	30	46	19	18	23	10	2	3	18	19	19	14	27		27.2
HILLSBORO	MAX	83	78	49	45	57	64	56	49	50	32	35	48	51	57	59	69	46	59	56	58	43	37	35	10	20	32	32	30	38	46		47.5
	MIN	62	40	33	31	25	39	39	40	29	25	13	20	29	28	50	39	21	32	45	21	17	25	8	0	-5	12	18	15	19	30		26.7
HOOPESTON	MAX	81	70	47	42	54	64	55	47	46	31	33	43	47	55	55	59	44	52	51	51	37	36	33	9	17	31	30	32	33	38		44.1
	MIN	61	38	39	35	19	40	35	40	30	26	14	21	27	25	47	38	27	29	45	22	15	18	7	-5	-10	16	22	16	22	22		26.0
JACKSONVILLE	MAX	84	63	50	46	61	64	53	49	48	32	38	47	57	57	67	60	46	59	53	52	45	34	29	12	20	33	32	30	40	44		46.8
	MIN	60	45	34	30	21	42	35	43	30	25	12	24	28	32	51	37	20	33	49	20	17	25	12	-1	-4	16	18	16	14	29		27.1
JERSEYVILLE	MAX	84	79	51	48	62	63	62	50	50	32	35	50	52	58	65	62	46	59	58	57	44	40	37		21	36	33	30	42	45		49.6
	MIN	61	42	34	31	25	44	41	42	31	21	15	23	30	29	52	40	24	33	48	23	20	28	8	1	0	16	21	17	17	32		28.3
JOLIET WB AIRPORT	MAX	81	47	47	43	53	59	48	50	35	32	34	38	45	55	62	60	43	53	53	34	40	34	30	8	29	32	33	34	34	35		42.7
	MIN	45	38	35	20	18	39	33	29	30	20	13	22	23	24	47	36	26	28	34	19	17	16	0	-3	-9	27	21	22	25	15		23.7

See reference notes following Station Index.

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KANKAKEE	MAX	80	65	46	47	53	60	51	47	44	32	32	41	45	54	55	60	42	52	51	52	37	34	35	5	20	34	32	34	33	36		43.6
	MIN	64	41	38	30	22	45	37	35	31	24	16	22	25	25	48	37	26	31	45	21	18	21	5	- 4	- 3	20	24	22	24	20		27.0
KANKAKEE 4 E	MAX	81	68	45	42	53	60	47	46	46	32	34	40	46	54	55	60	44	53	52	50	37	33	32	8	18	32	30	32	33	35		43.3
	MIN	62	39	35	33	17	45	34	33	30	25	14	21	23	24	48	38	24	29	44	21	17	19	8	- 4	- 7	16	23	20	24	20		25.8
KEWANEE	MAX	78	50	48	50	46	53	48	46	32	30	34	40	52	54	62	54	49				41	34	30	10	21	29	30	30	42	36		41.8
	MIN	50	37	30	28	23	23	38	28	28	23	9	25	20	26	48	35	23	28	21	16	13	21	10	- 3	- 1	20	16	17	17	23		23.1
LACON	MAX	82	53	49	48	56	56	43	42	42	28	33	41	47	52	57	56	46	57	54	47	45	36	32	10	21	30	31	32	40	39		43.5
	MIN	53	38	35	30	27	43	37	30	28	23	11	25	21	24	48	35	18	34	45	18	18	20	8	0	- 2	21	20	19	18	25		25.7
LA HARPE 1SW	MAX	83	55	49	46	62	60	51	49	49	30	37	44	52	58	75	66	41	59	58	44	48	39	40	11		35	35	29	42	43		47.9
	MIN	54	37	31	24	24	42	43	33	28	23	13	25	25	32	54	36	15	32	39	14	15	24	10	0		0	17	14	13	22		25.5
LA SALLE	MAX	82	53	49	44	57	58	49	49	46	32	35	41	47	55	60	61	46	56	55	43	42	37	32	10	20	30	32	31	38	37		44.2
	MIN	53	38	34	30	24	47	39	28	30	25	13	27	23	26	51	38	25	32	43	20	19	20	5	- 1	- 2	17	20	18	21	22		26.2
LINCOLN	MAX	83	56	46	45	56	63	52	48	46	31	35	45	48	55	60	58	45	57	52	50	42	37	33	6	19	30	30	30	38	40		44.5
	MIN	56	40	34	29	26	45	36	36	30	24	14	23	28	29	49	36	21	31	45	19	16	25	6	0	- 1	16	17	15	15	25		26.2
MARENGO	MAX	77	54	45	39	54	56	49	50	43	30	31	42	44	53	56	58	41	53	49	38	42	32	30	8	21	30	31	31	29	31		41.6
	MIN	53	35	31	26	20	40	36	27	29	22	10	22	18	27	44	35	22	30	37	15	16	17	0	- 5	- 6	21	22	21	20	15		23.3
MATTOON	MAX	82	50	45	44	53	63	56	53	37	30	32	43	46	57	61	62	52	51	55	49	40	35	33	9	24	29	29	30	37	40		44.2
	MIN	50	40	37	26	27	43	42	37	29	25	22	21	26	29	49	35	26	30	45	20	19	24	3	- 2	- 1	18	15	17	25	28		26.9
MC LEANSBORO	MAX	83	76	52	45	55	67	65	62	63	36	35	48	51	63	60	62	50	60	60	59	40	47	47	23	22	33	34	33	40	50		50.7
	MIN	61	45	39	36	27	43	48	45	35	27	18	21	28	30	51	45	27	33	47	30	20	29	23	5	- 1	16	24	19	26	32		31.0
MINONK	MAX	82	73	47	45	54	61	49	45	43	31	35	40	48	54	58	55	45	56	54	59	40	37	31	8	18	28	32	30	35	39		44.4
	MIN	60	38	34	31	21	42	38	31	30	24	12	21	25	27	46	38	25	32	42	19	15	22	8	- 1	- 5	7	18	16	16	20		25.1
MOLINE WB AIRPORT	MAX	78	51	46	45	61	58	50	45	34	28	35	39	48	56	72	52	43	57	54	29	47	34	32	11	24	32	30	31	40	36		43.3
	MIN	47	35	33	26	25	39	38	32	28	16	12	25	23	29	52	32	20	33	29	15	15	21	3	- 2	3	21	18	20	15	22		24.2
MONMOUTH AIRPORT	MAX	78	54	50	40	61	57	48	45	43	29	32	39	47	53	71	64	44	57	56	40	45	38	32	24	30	30	27	28	40	36		44.6
	MIN	52	36	28	25	25	38	38	37	26	21	12	23	25	28	50	35	12	32	40	13	14		10	- 3	0	12	15	14	12	22		23.9
MORRIS 3 NE	MAX	82	72	49	45	55	58	55	48	46	33	35	39	46	55	57	62	43	55	54	53	46	36	32	9	18	33	32	33	35	35		45.0
	MIN	62	38	35	32	19	44	35	29	29	26	11	23	23	24	47	39	22	27	43	19	17	18	8	- 2	- 9	15	22	19	24	18		25.2
MORRISON	MAX	80	52	49	44	58	59	52	46	35	30	35	40	49	57	64	61	42	56	51	41	48	36	33	12	21	30	32	32	36	36		43.9
	MIN	50	38	33	29	24	42	37	29	29	22	11	27	23		47	37	32	29	41	16	17	20	2	- 4	0	13	18	18	16	18		24.6
MORRISONVILLE 1 E	MAX	83	66	48	47	51	65	58	49	49	32	34	47	49	56	59	62	47	58	54	53	43	35	33	15	19	31	31	30	38	44		46.2
	MIN	62	41	31	32	22	41	39	42	30	25	13	20	27	27	49	37	20	30	46	22	17	22	14	- 1	- 4	14	18	15	16	28		26.5
MT CARMEL	MAX	82	70	64	55	45	65	63	62	45	35	37	43	46	62	58	64	50	56	67	62	40	41	40	25	20	30	32	33	36	44		49.1
	MIN	64	44	43	35	25	42	43	36	34	24	19	21	25	27	44	44	26	27	45	32	24	24	25	5	2	10	20	20	25	28		29.4
MOUNT CARROLL	MAX	76	50	48	42	58	56	48	43	40	30	35	40	45	52	63	60	41	54	50	40	46	38	33	10	21	29	31	31	33	33		42.5
	MIN	50	38	28	28	20	45	35	28	29	22	8	26	18	25	48	37	23	30	40	14	18	28	1	- 6	- 2	21	19	21	18	17		24.2
MOUNT VERNON 4N	MAX	82	74	48	45	55	65	60	58	62	34	33	48	48	61	61	64	49	58	60	62	41	42	42	18	20	32	32	30	42	48		49.1
	MIN	52	43	37	34	25	40	49	43	32	25	17	22	28	31	48	43	25	34	46	27	19	27	16	1	- 1	15	21	18	24	31		29.1
NEW BURNSIDE	MAX		71	49	42	54	66	65	67	62	35	37	47	54	63	62	64	50	58	62	64	40	53	49	20	22	33	33	32	39	52		49.8
	MIN		46	37	34	26	41	48	45	31	24	14	22	23	29	47	37	26	29	44	28	18	36	18	- 1	- 9	14	23	18	20	32		27.8
NEWTON	MAX	83	75	50	47	56	66	61	52	61	34	34	48	50	61	56	62	50	55	57	61	42	39	36	17	19	30	31	32	38	45		48.3
	MIN	59	40	38	34	20	38	36	42	31	26	15	16	27	22	48	43	27	30	45	25	18	23	15	2	0	14	21	20	25	29		27.6
OLNEY RADIO STA	MAX	83	77	50	60	53	67	65	61	48	34	34	44	49	60	60	62	50	60	60	52	37	41	40	20	18	29	29	30	35	45		48.4
	MIN	63	44	38	36	25	42	45	43	34	29	20	19	29	30	45	46	26	32	31	27	20	21	20	[illegible]	0	15	21	21	21	30		29.3
OTTAWA	MAX	83	54	51	48	58	59	48	49	46	31	37	42	50	56	59	61	45	57	55	43	45	35	32	13	21	31	35	33	38	39		45.1
	MIN	54	39	36	31	23	46	39	39	31	26	14	26	25	27	50	30	25	31	43	23	19	22	5	0	- 2	20	20	17	23	22		26.[illegible]
PALESTINE	MAX	84	68	48	45	55	68	62	60	60	33	34	47	48	61	59	61	50	53	58	61	39	41	40	19	20	29	31	32	36	44		48.2
	MIN	63	43	38	32	24	40	41	45	33	27	19	18	26	25	46	39	28	29	45	24	19	21	12	3	1	20	28	19	26	29		28.8
PANA	MAX	84	64	47	48	56	66	55	49	48	34	35	48	50	59	59	62	49	58	56	53	43	37	32	10	19	30	30	31	38	45		46.5
	MIN	61	43	35	33	24	41	41	42	30	25	15	20	28	28	50	37	23	31	47	22	18	24	10	- 2	- 3	15	19	16	22	30		27.5
PARIS WATER WORKS	MAX	82	73	56	43	52	65	58	50	58	41	33				60	63	47				40	39	36	10	18	29	29	29	28	36		44.8
	MIN	62	41	38	34	22	40	37	41	31	26	14	18	28	26	47	35	26	33	45	23	16	21	10	- 3	- 6	16	20	15	24	24		26.8
PEORIA WB AIRPORT	MAX	81	49	48	44	57	60	48	46	35	28	34	42	46	54	62	57	44	56	54	35	42	34	30	8	25	30	30	30	39	38		42.9
	MIN	46	37	33	27	24	44	40	33	28	17	15	25	29	31	50	32	22	32	35	17	16	26	- 1	- 1	- 1	22	18	16	15	22		25.0
PONTIAC	MAX	80	62	47	45	54	61	49	46	46	32	32	41	46	53	58	60	44	55	52	50	39	34	31	7	18	30	30	32	34	37		43.5
	MIN	61	38	33	33	25	42	38	32	30	24	15	24	26	27	48	37	25	31	44	20	13	22	5	- 4	- 5	12	20	11	19	21		25.6
QUINCY	MAX	82	53	47	44	63	61	53	48	33	29	37	45	52	60	74	61	46	61	56	38	49	38	32	11	24	40	33	26	43	42		46.0
	MIN	53	42	32	29	28	44	38	33	29	23	17	28	34	35	53	35	21	36	38	18	22	28	9	2	5	24	19	16	18	28		27.9
QUINCY CAA	MAX	81	52	48	45	63	63	51	49	33	30	37	46	53	61	75	52	45	60	55	30	47	37	32	9	21	37	30	26	41	43		45.1
	MIN	45	34	30	25	22	40	38	31	26	14	12	25	31	30	50	22	20	32	30	17	16	27	2	- 1	- 1	19	17	14	13	24		23.5
RANTOUL CHANUTE AF	MAX	80	49	46	42	52	63	53	47	46	30	33	42	47	54	59	59	44	53	51	43	38	35	33	6	26	29	28	31	33	39		43.0
	MIN	62	31	39	28	24	42	42	36	29	24	17	22	29	26	49	36	28	31	43	20	18	24	3	- 5	- 3	25	21	18	25	25		27.0
ROBERTS 3 N	MAX	81	63	45	43	52	62	50	46	45	31	35	43	48	54	55	59	44	53	51	51	37	34	31	8	15	28	28	31	33	35		43.0
	MIN	60	36	36	32	20	42	35	34	29	23	12	22	26	27	47	36	26	30	42	20	11	21	7	- 6	- 8	13	20	16	19	20		24.9
ROCKFORD	MAX	79	53	49	43	56	59	49	48	44	32	33	46	46	54	58	59	43	55	50	40	47	37	32	11	26	35	33	35	32	33		43.9
	MIN	53	38	30	26	23	43	37	28	29	24	11	26	19	28	48	38	23	33	40	15	18	19	0	- 6	- 4	20	22	23	24	16		24.8
ROCKFORD CAA	MAX	78	47	49	40	55	57	48	48	33	30	32	38	46	54	59	53	42	53	51	30	46	33	31	10	29	31	31	30	28	31		41.4
	MIN	41	31	29	20	18	36	32	25	29	17	10	21	19	26	48	34	23	31	30	15	17	16	- 2	- 7	- 6	24	23	24	18	11		21.8
RUSHVILLE	MAX	84	56	51	46	63	64	55	48	46	30	39	48	52	55	70	56	46	58	54	46	47	38	31	11	21	33	31	29	41	45		46.5
	MIN	56	44	34	31	24	45	39	41	29	24	14	24	30	29	50	34	22	31	46	18	17	26	11	0	1	17	18	14	15	27		27.0
SPARTA	MAX	84	75	49	46	57	68	62	55	60	35	34	51	53	66	60	63	51	61	61	63	42	49	47	17	22	35	36	32	45	51		51.0
	MIN	62	45	38	36	28	41	49	44	34	25	17	21	28	28	49	46	28	33	42	29	22	30	17	7	2	19	24	19	18	34		30.5
SPRINGFIELD WB AIRPORT	MAX	83	52	47	46	57	64	54	48	34	29	34	46	49	56	61	58	45	57	52	38	43	34	30	6	23	31	28	30	37	42		43.8
	MIN	48	35	34	25	24	41	38	33	28	18	15	25	32	35	51	28	21	34	38	19	18	26	0	- 2	0	20	19	17	16	27		25.4
SPRINGFIELD WB CITY	MAX	84	53	47	46	57	64	54	49	35	30	35	45	49	56	61	60	45	58	53	38	42	34	31	10	24	31	31	31	38	43		44.5
	MIN	50	41	36	32	29	47	44	35	30	22	19	25	33	34	51	31	26	36	38	22	22	30	6	2	5	21	20	18	20	31		28.5
STOCKTON	MAX	75	48	43	40	55	55	46	42	40	29	32	39	43	50	61	59	39	53	49	38	45	35	31	10	19	27	29	29	32	30		40.8
	MIN	48	35	26	25	22	42	32	26	27	22	8	25	19	27	47	35	22	30	38	11	16	18	0	-10	- 6	17	18	19	17	22		22.6

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]	54	57	51	50	43	[illegible]	[illegible]	37	45	[illegible]	56	59	42	53	51	33	41	33	30	9	25	31	33	32	32	32	42.1
[illegible]	[illegible]	50	35	31	27	20	39	35	28	28	21	8	23	17	24	44	35	22	29	31	15	15	18	- 2	- 5	- 6	23	19	20	20	15	22.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60	[illegible]	53	47	38	29	36	44	51	55	69	60	46	55	55	43	45	35	31	8	21	31	30	29	42	41	45.1
[illegible]	[illegible]	[illegible]	[illegible]	41	28	[illegible]	43	41	[illegible]	28	21	15	25	29	28	51	38	20	31	43	16	17	28	7	0	1	20	17	16	15	25	26.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57	48	49	33	33	44	49	58	57	60	46	54	53	53	41	38	33	12	17	[illegible]	29	33	35	42	45.7
[illegible]	[illegible]	60	39	[illegible]	34	22	41	38	41	31	26	13	20	27	25	48	38	25	28	45	22	16	21	11	- 4	- 7	13	18	15	23	22	26.2
[illegible]	[illegible]	[illegible]	80	[illegible]	47	44	52	62	54	[illegible]	46	32	33	43	47	55	59	64	44	53	53	51	39	35	33	9	16	29	30	34	34	40	44.3
[illegible]	[illegible]	[illegible]	61	40	37	[illegible]	25	42	38	42	32	25	16	23	29	29	48	37	27	31	42	23	18	25	8	- 3	- 5	16	20	19	23	27	27.6
[illegible]	[illegible]	MAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51	48	49	31	34	[illegible]	50	55	60	59	46	58	53	53	44	34	33	8	20	32	31	29	38	43	46.3
[illegible]	[illegible]	MIN	[illegible]	36	31	29	22	[illegible]	40	40	30	25	13	21	29	28	49	34	29	31	46	21	17	22	7	- 2	- 4	15	18	15	15	28	26.2
[illegible]	[illegible]	MAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61	51	47	[illegible]	30	34	40	[illegible]	53	62	69	53	54	55	47	42	40	33	9	18	29	32	31	36	35	44.8
[illegible]	[illegible]	MIN	[illegible]	37	[illegible]	29	26	[illegible]	39	28	29	[illegible]	12	26	25	28	49	40	23	33	43	18	18	21	6	- 3	0	16	17	15	16	19	25.5
[illegible]	[illegible]	MAX	[illegible]	[illegible]	[illegible]	41	52	[illegible]	52	46	46	32	33	41	46	54	[illegible]	59	42	51	50	50	36	33	32	8	17	32	30	33	33	37	43.6
[illegible]	[illegible]	MIN	[illegible]	40	35	21	43	37	40	31	[illegible]	16	22	26	25	48	38	28	33	45	23	18	19	6	- 3	- 9	16	23	19	24	24	27.2
WAUKEGAN	[illegible]	MAX	[illegible]	56	[illegible]	39	52	[illegible]	50	52	43	32	32	38	44	54	56	60	45	53	51	42	41	35	30	8	25	33	35	33	30	31	42.8
[illegible]	[illegible]	MIN	55	36	37	27	23	42	38	33	31	25	12	23	18	26	45	38	26	31	41	19	17	20	1	- 5	- 4	25	25	24	20	20	25.6
WHEATON COLLEGE	[illegible]	MAX	78	[illegible]	46	40	52	57	51	[illegible]	[illegible]	30	32	37	43	53	55	60	42	52	52	49	39	36	32	6	20	32	32	32	31	32	42.9
[illegible]	[illegible]	MIN	62	36	36	31	23	42	35	34	30	26	13	[illegible]	22	28	46	38	33	30	43	21	17	19	6	- 4	- 3	20	24	22	24	22	26.6
WHITE HALL 1 E	[illegible]	MAX	84	[illegible]	[illegible]	[illegible]	61	62	58	[illegible]	48	31	35	47	50	57	65	63	45	57	56	53	[illegible]	43	34	18	20	33	34	28	40	46	47.8
[illegible]	[illegible]	MIN	61	39	33	30	[illegible]	45	37	42	30	[illegible]	12	22	30	39	51	40	21	33	48	21	17	25	15	2	- 1	17	19	15	15	30	27.8
[illegible]	[illegible]	MAX	81	[illegible]	[illegible]	[illegible]	53	63	56	[illegible]	50	32	32	44	47	57	57	61	45	54	53	53	40	41	33	8	16	29	29	30	37	40	44.0
[illegible]	[illegible]	MIN	57	49	51	33	25	41	38	41	31	25	14	19	28	27	48	41	24	40	45	22	17	23	7	- 2	- 6	12	18	16	23	29	27.9

SNOWFALL AND SNOW ON GROUND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Anna 1 NW	SNOWFALL									T	T													3.1	0.8							
	SN ON GND									T														3	3	2	1	T	T			
Antioch	SNOWFALL				T					T	T										T		T	T	T		3.0					
	SN ON GND										T										T	T	T	T	T	T	3	3	3	3	3	
Aurora College	SNOWFALL								T		T										0.5		T	0.5	T		1.6	0.3				
	SN ON GND																				T	T	T	1	1	T	2	2	2	1	1	
Belleville Scott	SNOWFALL									T	T										T		T	0.6	0.1							
	SN ON GND																							-	-	T	T	T				
Bloomington Normal	SNOWFALL																				0.5		0.2	0.3			1.7					
	SN ON GND																				1	T	T	T	T	T	2	2	2	2	1	
Cairo 4S City	SNOWFALL																							2.6	T							
	SN ON GND																							1	2	2	1	T	T	T		
Carlinville 4 E	SNOWFALL										T										T		T	1.0	1.5							
	SN ON GND																				T		T		3	3	2	1	1	T		
Chicago WB AP	SNOWFALL			T	T					T	0.3									T	0.2		T	1.8	T	T	4.7	T	T			
	SN ON GND									T	T										T			2	1	1	3	2	2	2	1	
Danville	SNOWFALL											T									1.5	T	T	2.0	T		5.0					
	SN ON GND																					T		2	2	2	6	5	3	-	-	
Decatur	SNOWFALL										T										T		T	1.4	1.0		1.5					
	SN ON GND																				T		T	2	2	1	3	2	1	1	T	
Dixon	SNOWFALL									T	T												1.0	0.3			2.8					
	SN ON GND									T	T												1	1	1	1	4	4	2	2	1	
Effingham CAA AP	SNOWFALL										T										T		3.5	0.6	T	T	T					
	SN ON GND																						4	2	2	2	2	2	1	1	T	
Galva	SNOWFALL									0.3											0.3			0.2	T		0.7					
	SN ON GND									T	T	T									T	T		T	T	T	1	1	1	T		
Golconda Dam 51	SNOWFALL											T													5.5							
	SN ON GND																								6	5	3	2	1	T		
Greenville	SNOWFALL																							1.5	0.1							
	SN ON GND																							1	1	1	T	T	T			
Harrisburg	SNOWFALL										T													3.5	T							
	SN ON GND																							4	2	2	1					
Joliet WB AP	SNOWFALL			T	T					T	T									T	T		T	1.4	T		1.9	T		T		
	SN ON GND										T										T			1	1	1	2	2	1	1	T	
Kankakee	SNOWFALL																				T			1.0	1.0	T	2.5		T			
	SN ON GND																				T	T		1	2	2	5	5	4	3	2	
La Harpe 1 SW	SNOWFALL									1.0	T										T			0.3	T				T			
	SN ON GND									-	-										T			T	T							
Lincoln	SNOWFALL																				0.4		T	1.0			1.0					
	SN ON GND																				T			1	1	1	2	2	1	1	T	
Marengo	SNOWFALL								T	T	T												T	T	T	T	1.5					
	SN ON GND									T	T												T	T	T	T	2	1	1	1	1	
Marion AP 1W	SNOWFALL								0.4	T	T									T	T		1.7	T	T		T					
	SN ON GND								T	T	T										T		1	T	T	T	T	T	T			
Monmouth AP	SNOWFALL								0.2														1.0	0.6	T							
	SN ON GND																						1	1	-	-	-	-	-	-	-	

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Morrison	SNOWFALL							T	T	T											T		T		T		3.0					
	SN ON GND																				T	T	T	T	T	T	3	3	3	3	2	
Morrisonville 1 E	SNOWFALL										T												0.5	1.5	T		0.2					
	SN ON GND																						1	2	2	2	-	2	2	T	T	
Mt. Carmel	SNOWFALL																								1.0	T						
	SN ON GND																								1	1	T					
Mount Vernon 4 N	SNOWFALL										T												T	0.1	T		T					
	SN ON GND																							T	T	T	T	T				
Olney Radio Sta.	SNOWFALL																							0.3			0.3					
	SN ON GND																							T			-	-	-	-	-	
Ottawa	SNOWFALL								T	T											T		T	1.1	T		1.7					
	SN ON GND																						T	1	1	1	3	2	2	2	1	
Peoria WB AP	SNOWFALL				T				T	T	T			T						T	0.6		2.5	0.7	T	T	1.0					
	SN ON GND																				T		2	2	2	2	3	2	2	1	1	
Pontiac	SNOWFALL				T						T	T									0.2		2.5	1.5	T		3.5	T				
	SN ON GND										T										T	T	2	3	3	2	5	4	4	3		
Quincy CAA AP	SNOWFALL								T	T	T										T		T	T	T	T			T			
	SN ON GND									T	T										T			T	T	T	T	T	T	T	T	
Rantoul Chanute AF Base	SNOWFALL	T		T	T						T			T							0.1		T	0.2	T	T	2.9	T				
	SN ON GND																				T	T	T	T	T	T	1	T	T	T	T	
Roberts 3 N	SNOWFALL										T												1.3	0.5			3.6	0.4				
	SN ON GND										T												1	2	2	2	5	5	-	-	-	
Rockford CAA AP	SNOWFALL								T	T	T									T			0.3	0.1	0.1	T	3.5	T				
	SN ON GND										T												T	T	T	T	3	2	2	2	1	
Sparta	SNOWFALL										T													0.3	T							
	SN ON GND																							T	T	T	T					
Springfield WB AP	SNOWFALL								T	T	T										0.1		0.2	0.6	0.1	T	0.1					
	SN ON GND										T												T	1	1	T	T	T	T	T	T	
Stockton	SNOWFALL									1.0	T									T			2.0				1.0					
	SN ON GND									T													1	1	1	1	2	2	2	1	1	
Sycamore	SNOWFALL								T											T	T		0.2	0.2			2.4					
	SN ON GND								T	T	T	T									T	T	T	T	T	T	3	3	3	T	T	
Table Grove	SNOWFALL				T					0.2	T										T		0.6	0.7	T							
	SN ON GND									T											T		T	1	1	1	1	T	T			
Tuscola	SNOWFALL																			T			T	1.3			5.6					
	SN ON GND																							1	1	1	7	6	6	4	3	
White Hall 1 E	SNOWFALL										T										T		T	0.5								
	SN ON GND																							1	1	1	1	T	T	T		

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

- \- No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo. -- 1-12-51 -- 1160

See reference notes following Station Index.

STATION INDEX

Station	Index No	County	Drainage[1]	Latitude	Longitude	Elevation	Observation time Temp	Observation time Precip	Observer	Refer to tables
[illegible]										3
Lincoln	5079	[illegible]gan	1	40 09	89 22	[illegible]	7P	7P	John Zurkammer Jr.	2 3 5 7
Lincoln No. 2		[illegible]	1	40 09	89 21	600		7A	George L. Smith	3 4
[illegible]	5131	[illegible]	1	41 34	88 05	585		MID	Corps of Engineers	3 4
Lockport Power House	5136	Will	1	[illegible]	88 05	585		MID	Chgo Sanitary Dist.	3 4
[illegible]	[illegible]	[illegible]ay	7	38 46	88 30	480		6P	Carl E. Farrell	3 4
[illegible]	5272	[illegible]	1	40 22	89 21	696		6P	T. L. Haensel	3
[illegible]	5280	[illegible]	1	40 28	[illegible]	702		6P	W. S. Newell	3
Marengo	5326	[illegible]	6	[illegible]	88 36	830	6P	6P	Frank J. Mack	2 3 5 7
Marietta	[illegible]	[illegible]	1	40 [illegible]	90 24	546		MID	Joseph Ace McCance	[illegible]
[illegible]	[illegible]	Williamson	7	37 44	88 55	448		6P	C. N. Danielson	3
[illegible]	5364	[illegible]	1	40 02	[illegible]	725		6P	Nelson R. Smith	3 4
[illegible]	5372	La Salle	1	41 20	88 45	486		6P	Corps of Engineers	3
[illegible]	5380	[illegible]	7	39 23	87 42	[illegible]		6P	Anna F. Kannmacher	3
[illegible]	5405	St. Clair	7	38 29	[illegible]	[illegible]		6P	Dr. Robt. F. Lischer	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	581		MID	[illegible]	3 4
[illegible]	5430	[illegible]	7	39 28	88 21	[illegible]	[illegible]	[illegible]	Cen Ill Pub Serv Co	2 3 5
[illegible]	[illegible]	[illegible]	1	42 21	88 16	750		MID	Fred C. Feltz	3 4
[illegible]	5498	[illegible]	1	42 19	88 15	742		[illegible]	John J. Barnings	3
McLeansboro	5515	[illegible]	7	38 05	88 32	[illegible]		6P	F. G. Frazier	2 3 5
[illegible]	5539	[illegible]	1	39 10	90 04	622		7P	M. F. Dodge	3
[illegible]	5712	[illegible]	1	40 54	89 02	751	7P	7P	[illegible]	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90 31	589	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Monmouth Airport	[illegible]	[illegible]	4	40 55	90 38	770	[illegible]	6P	Martin Airways Inc.	2 3 5 7
Monticello	5791	[illegible]	1	[illegible]	[illegible]	659		4P	C. H. Wittig	3
Morris	5820	[illegible]	1	[illegible]	[illegible]	[illegible]			Roy Webb	3
Morris 3 NE	[illegible]	Grundy	1	[illegible]	[illegible]	[illegible]	6P	6P	Donald W. Pyatt	2 3 5
[illegible]	5833	[illegible]	1	[illegible]	[illegible]	670	1	[illegible]	Ralph H. Green	2 3 5 7
[illegible]	[illegible]	Christian	1	39 25	89 27	638		MID	Frank A. Lowis	[illegible]
[illegible]	5846	Christian	1	39 25	89 26	638	7P	7P	John R. Lowis	2 3 5 7
Mount Carmel	[illegible]	[illegible]	7	38 25	87 46	465	6P	[illegible]	Frank D. Talley	[illegible]
Mount Carmel Water Wks.	5863	[illegible]	7	38 25	87 45	424	[illegible]	[illegible]	[illegible]	[illegible]
Mount Carroll	5901	[illegible]	1	42 05	89 58	817	7P	7P	James F. McCray	2 3 5
Mount Olive	5917	[illegible]	1	39 04	89 43	681		6P	Henry W. Johnson	[illegible]
[illegible]	5927	Logan	1	40 00	89 17	687		5P	[illegible]	3
[illegible]	5935	[illegible]	1	39 59	90 46	711		7P	F. E. Sahland	3
[illegible]	5843	[illegible]	4	38 22	[illegible]	590	6P	7A	Radio Station WMIX	2 3 5 7
[illegible]	4	[illegible]	4	37 46	89 19	129		MID	Murphysboro Wtr Co	3 4
[illegible]	[illegible]	[illegible]	[illegible]	38 25	89 25	406		6P	R. E. Schleifer	3
Nashville 3 NW	6011	[illegible]	7	[illegible]	[illegible]	[illegible]				
Newark 7 E	6069	Kendall	1	41 32	88 27	707		6P	Warren S. Gray	
[illegible]	6080	Mercer	1	41 11	91 03	748		8A	Corps of Engineers	3
New Boston	6085	Mercer	1	41 10	91 00	571		7A	H. D. Harris	3
[illegible]	6093	Johnson	7	[illegible]	88 46	560	7P	7P	[illegible]	2 3 5
[illegible]	6159	[illegible]	7	[illegible]	88 10	513	6P	6P	James W. Wells Jr.	2 3 4 5
[illegible]	6446	Richland	7	38 42	88 04	472	5P	5P	Radio Station WVLM	2 3 5 7
[illegible]	6490	Ogle	1	42 01	89 20	760		MID	Carnation Company	3 4
Oregon Water Works	6492	Ogle	1	42 01	89 20	702		8A	Alan Grant	3
[illegible]	6526	La Salle	1	41 22	88 50	474	7P	7P	[illegible]	2 3 5 7
[illegible]	6558	[illegible]	7	39 00	87 37	514	7P	7P	H. M. Caddis	2 3 5
[illegible]	6579	Christian	2	39 23	89 05	[illegible]	7P	7P	C. E. Schumacher	2 3 5
[illegible]	6610	Edgar	7	39 37	87 41	735		MID	City of Paris	3 4
Paris Water Works	6610	Edgar	7	39 36	87 42	739	7P	7P	[illegible]	2 3 5
[illegible]	6661	Lee	1	41 41	88 59	928		6P	W. A. Woods	3
[illegible]	6670	Adams	4	39 49	91 14	640		8P	[illegible]	3
Peoria Lock & Dam	6706	Peoria	1	40 37	89 39	445		MID	Corps of Engineers	3 4
Peoria WB Airport	6711	Peoria	1	40 40	89 41	654	MID	MID	U.S. Weather Bureau	2 3 4 5 7
[illegible]	6725	Will	1	41 20	87 48	722		2P	[illegible]	3
Petersburg	6760	Menard	1	40 01	89 51	524		4P	Frank B. Rainey	3
Pittsfield	6772	Pike	4	39 36	90 48	670		6P	Dale B. Griffith	3 4
Pittsfield Water Wks.	6833	Pike	4	39 39	90 46	724		MID	Raymond T. Loyd	3 4
Pleasant Hill 2 E	[illegible]	Pike	1	39 27	90 50	540		6P	Lou Galloway	3
Pontiac	6930	Livingston	1	40 53	88 37	647	6P	6P	Roger Williams	2 3 5 7
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		MID	Lewis Tebeau	3 4
Princeton 1 S	6996	Bureau	1	41 21	89 28	700		MID	Miles W. Bryant	3 4
Princeville [illegible]	7004	Peoria	1	40 57	89 47	745		6P	Frank S. Stewart	3
[illegible]	7011	Whiteside	6	41 40	89 56	625		MID	Ill Northern Ut Co	3 4
Quincy	7067	Adams	4	39 57	91 24	601	7P	7P	A. H. Gibson	2 3 5
Quincy CAA AP	7072	Adams	4	39 56	91 11	670	MID	MID	U.S. Weather Adm	2 3 4 5 7
Quincy Dam 21	7077	Adams	4	39 56	91 24	483		8A	Corps of Engineers	3 4
Quincy Memorial Bridge	7082	Adams	4	39 56	91 24	[illegible]		7A	Melvin Brinkoetter	3
Rantoul Chanute AF Base	7150	Champaign	7	40 18	88 09	744	MID	MID	U. S. Air Force	2 3 4 5 7
Red Bud	7157	Randolph	4	38 13	90 00	114		5P	Dr. H. Le Saulnier	3
Riverview	7214	Washington	2	38 22	89 11	544		MID	Mrs. Mabel F. Martin	3 4
Roberts 3 N	7346	Ford	7	40 40	88 11	786	7P	7P	R. E. Bradbury	2 3 5 7
Rochelle	7349	Ogle	6	41 55	89 04	798		3P	California Pkg Corp	3
[illegible]	7375	Winnebago	6	42 15	89 05	720	6P	6P	F. W. Knowlton	2 3 5
Rockford 1 NE	7377	Winnebago	6	42 17	88 59	850		7A	Mrs. D. S. Cummings	3 6
Rockford CAA AP	7380	Winnebago	6	42 21	89 03	743	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
Rock Island Dam 15	7388	Rock Island	4	41 31	90 34	568		8A	Corps of Engineers	3
Rockport	7400	Pike	4	39 32	91 00	470		6P	Harry Williams	3
Rushville	7551	Schuyler	1	40 07	90 34	683	6P	6P	Gain Bros. Greenbse	2 3 5
Ste Marie	7603	Jasper	7	38 56	88 01	148		7A	Judson E. Cameron	3
Salem	7636	Marion	2	38 37	88 57	544		5P	Frank G. Brown	3
Shawneetown Nos Tank	7859	Gallatin	5	37 43	88 10	350		8A	Jake H. Stewart	3
Sidell	7952	Vermilion	7	39 55	87 49	[illegible]		7A	Gary Lane	3
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		MID	Chgo Sanitary Dist.	3 4
Sparta	8117	Randolph	4	38 08	89 42	538	6P	6P	Howe W. Morgan	2 3 5 7
Springfield WB Airport	8179	Sangamon	4	39 50	89 40	587	MID	MID	U.S. Weather Bureau	2 3 4 5 6 7
Springfield WB City	8184	Sangamon	4	[illegible]	89 39	598	MID	MID	U.S. Weather Bureau	2 3 4 5
Stickney W S Treat Wks	8278	Cook	3	41 49	87 46	636		MID	Chgo Sanitary Dist.	3 4
Stockton	8293	Jo Daviess	4	42 21	90 00	1000	5P	5P	E. A. Curtiss	2 3 5 7
Streator	8353	La Salle	1	41 07	88 50	625		6P	J. F. Prafcke	3
Sullivan Water Works	8389	Moultrie	2	39 34	88 37	686		MID	A. B. Fultz	3 4
Sycamore	8452	De Kalb	6	41 59	88 41	840	8P	8P	Frank C. Dean	2 3 5 7
Table Grove	8460	Fulton	1	40 22	90 26	734	7P	7P	C. A. Hammond	2 3 5 7
Taylorville	8491	Christian	1	39 33	89 18	634		6P	John W. Coale	3
Tiskilwa	8604	Bureau	1	41 18	89 30	512		6P	Orville L. Weaver	3
Toulon	8630	Stark	1	41 06	89 52	752		5P	Ernest R. Robson	3
Tuscola	8688	Douglas	7	39 48	88 17	653	6P	6P	Perry Stackhouse	2 3 5 7
Urbana	8710	Champaign	7	40 08	88 13	743	7P	7P	State Water Survey	2 3 5 7
Urbana Exp. Farm	8745	Champaign	7	40 06	88 15	[illegible]		MID	U.S. Soil Cons Serv	3 4
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730		7A	State Water Survey	3 6
Utica Starved Rock Dam	8756	La Salle	1	41 19	88 59	464		7A	Corps of Engineers	3
Vandalia	8781	Fayette	2	38 58	89 07	503		9A	Ernest E. Bricker	3 4
Virden	8860	Macoupin	4	39 30	89 46	674	6P	6P	E. W. Watkins	2 3 5
Walnut	8916	Bureau	6	41 33	89 35	714	6P	6P	Carl F. Nelick	2 3 5
Warsaw	8976	Hancock	4	40 21	91 26	490		5P	Charles Ewing	3
Washington	8990	Tazewell	4	40 42	89 24	740	MID	MID	Willis A. Sullivan	3 4
Waterloo	9002	Monroe	4	38 20	90 09	717		4P	E. H. Wolf	3
Waterman	9010	De Kalb	1	41 46	88 46	779		MID	Wm. Ray Clarke	3 4
Watseka	9021	Iroquois	1	40 46	87 44	634	7P	7P	Benjamin Jordan	2 3 5
Waukegan	9029	Lake	3	42 21	87 51	668	7P	7P	R. W. Flagg	2 3 5
Wayne City	9040	Wayne	7	38 21	88 35	385		7A	Paul F. Nichols	3
Wenona	9090	Marshall	1	41 03	89 03	700		MID	Leonard H. Foley	3 4
West Frankfort 8 E	9140	Franklin	4	37 54	88 48	480		MID	Ill State Wtr Surv	3 4
Wheaton College	9221	Du Page	1	41 52	88 06	753		6P	Wheaton College	2 3 5
White Hall 1 E	9241	Greene	1	39 26	90 23	578	5P	5P	Oscar Watt	2 3 5 7
Wilcox	9271	Clay	7	38 38	88 18	[illegible]		7A	E. Lowell Routt	3
Windsor	9354	Shelby	2	39 26	88 36	685	6P	6P	Nina M. Byherd	2 3 5

NEW STATIONS

Laron	9805	Marshall	1	41 02	89 25	180	6P	6P	O. D. Deffenbaugh	2 3 5
Yates City	9816	Knox	1	40 17	90 01	[illegible]		8A	Otis L. Bell	3 4
* Arlington Heights	0247	Cook	1	42 03	87 55	704		4P	George A. Honemann	3

* Station name changed from Des Plaines 1 NW to Arlington Heights.
No change was made in instrument exposure.

[1] Drainage Code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

Reference notes for this issue may be found on page 223.

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CLIMATOLOGICAL DATA

ILLINOIS

DECEMBER 1950
Volume LV No. 12

KANSAS CITY: 1951

ILLINOIS - DECEMBER, 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

Unseasonably low temperatures prevailed most of the month, giving Illinois its coldest Decebber since 1917. The mean temperature for the State was 23.3°, or 7.9° below normal, while means at individual stations ranged from 15.1° at Freeport and also at the Rockford CAA station, to 34.0° at Cairo. On the 27th a temperature of 29° below zero was registered at Freeport, equaling the December minimum record for Illinois. Harrisburg's 74° on the 2d was the highest reported. Most of the month's precipitation was in the form of snow, the snowfall averaging 9.8 inches, more than twice the December normal. Chicago had the greatest amount of snow, 27.1 inches, while Golconda and Elizabethtown each received only an inch. Three tornadoes struck in southwestern Illinois on the 2d, taking three lives and causing several hundred thousand dollars property damage.

Mild temperatures covered most of Illinois on the 1st and continued into the 2d. Scattered light showers occurred on the 1st, and thundershowers were common on the afternoon and evening of the 2d as cold air moved into the State. Tornadoes formed ahead of the advancing cold front in the southwest, and severe hailstorms hit several localities in Madison County. High winds took down a 240-foot radio station tower at Effingham on the afternoon of the 2d.

After the 2d temperatures dropped below normal and remained low for nearly 3 weeks. From the 3d to the end of the month nearly all precipitation occurred in the form of snow. Snow blanketed the State between the 5th and 8th, accumulating to several inches in most sections. Lighter snowfalls occurred frequently thereafter until the middle of the month.

During the latter half of December no precipitation of consequence was reported in southern or west-central areas. Northern and east-central localities generally received 1 to 3 inches of snow on the 19th, and the northeast and extreme north had several inches added on the 25th-26th. Temperatures finally moderated on the 21st and held above normal for a few days, but then dipped once more and remained below normal until the 31st. Readings were especially low in the north on the 27th, several stations registering minima under 20° below zero.

The cold weather and above-normal snowfall of December limited field work, but the snow cover was advantageous to winter grain crops. Winter wheat generally was in good to excellent condition, with root systems well developed. Except in some southern areas the corn harvest had been virtually completed before the beginning of the month.

TORNADOES OF DECEMBER 2

Three tornadoes formed before an advancing cold front in southwestern Illinois on the afternoon of the 2d. The first of these storms originated near Fosterburg about 3:00 P.M., and then traveled aloft 25 miles before striking near Mount Olive. One man was killed and three other persons were injured near Mount Olive when their automobile was blown off the highway. Property damage, including a barn destroyed by lightning, was estimated at $12,000.

The most damaging tornado of the day formed near Highland about 4:00 P.M. and moved 22 miles east-northeast, hitting Pocahontas and Greenville, the funnel being aloft over much of the storm's path. Two women were killed and 25 persons were injured at Greenville, where the storm caused heavy property loss. About 100 homes were damaged in Greenville, some of them being total losses, and utility lines were crippled. Property damage was estimated at over a half-million dollars, most of it occurring in Greenville.

A third tornado began about 4 miles northwest of Sparta at 5:30 P.M. and moved 11 miles east-northeastward through rural areas of Randolph County. Several farm properties and an abandoned coal mine were heavily damaged. At Tilden, 2 miles north of the tornado's path, heavy hail broke many windows and damaged roofs. Total damage by the tornado and hail was estimated at $75,000. No injuries were reported.

A severe hailstorm which began in Saint Louis County, Missouri, struck the Granite City--Madison--Venice--Nameoki--Mitchell area of Madison County on the afternoon of the 2d. A large number of windows were broken, many roofs were pierced, and some automobiles were dented. Other communities in Madison County reporting some hail damage were Collinsville, Maryville, Troy, and Marine. Total property loss due to the storm approximated $150,000.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
Cairo WB City	-		9.1	35	SW	2	-	-	-	-	4	4	1	1	1	0	11	50	6.9	
Chicago WB Airport	W	14	9.5	38	SW	7+	81	80	71	76	7	8	4	3	0	0	22	45	6.3	See Table 2
Joliet WB Airport	S	15	8.8	-	-	-	84	85	74	82	6	9	3	1	0	0	19	-	6.2	
Moline WB Airport	W	17	7.7	40	W	7	74	76	65	73	10	6	4	0	0	0	20	41	6.3	
Peoria WB Airport	NW	15	10.4	33	N	15	81	81	69	77	9	5	4	0	0	0	18	51	6.3	
Springfield WB Airport	NW	17	13.2	34	NW	15	78	78	68	75	8	3	3	0	0	0	15	54	6.4	

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1890	32.2	63	- 2	1.00	6.3	4	1913	36.9	74	9	1.04	3.0	6	1936	35.1	67	-13	2.95	2.0	7
1891	37.6	70	1	1.79	2.5	7	1914	24.3	69	-29	2.39	9.9	12	1937	28.5	62	- 4	2.10	1.7	10
1892	27.2	72	-16	1.83	2.9	7	1915	30.2	63	-11	2.87	8.3	8	1938	31.9	68	- 6	1.65	1.5	7
1893	30.6	74	-14	1.58	5.8	7	1916	28.2	74	-16	2.37	6.3	9	1939	35.7	74	- 8	1.12	5.6	4
1894	34.8	71	- 7	2.04	1.1	6	1917	22.3	70	-23	0.87	9.9	8	1940	36.1	71	-16	2.05	1.0	9
1895	32.7	65	- 8	4.94	5.3	10	1918	38.8	74	- 1	3.44	4.1	10	1941	37.6	71	5	1.68	2.6	6
1896	35.3	70	- 4	0.54	1.0	4	1919	24.6	65	-22	0.69	2.6	4	1942	27.2	74	- 9	2.76	7.8	10
1897	27.9	72	-18	2.52	5.0	9	1920	33.3	68	-13	2.75	4.1	8	1943	29.3	69	-12	1.27	4.5	5
1898	27.2	64	-12	1.49	3.3	6	1921	34.4	66	- 6	2.88	2.5	7	1944	25.3	67	-24	1.66	9.5	8
1899	29.3	66	- 8	2.34	4.9	8	1922	32.2	70	-16	2.52	1.4	7	1945	24.7	68	-18	2.01	9.2	9
1900	32.2	66	- 3	0.94	2.0	5	1923	40.8	75	- 2	3.56	1.0	11	1946	36.4	73	-16	2.23	2.7	7
1901	25.9	68	-19	2.95	4.4	6	1924	25.5	70	-26	3.53	4.1	10	1947	33.8	67	5	2.13	2.0	8
1902	28.6	66	-13	3.14	4.3	10	1925	27.8	72	-17	1.34	3.1	5	1948	34.1	78	-12	2.69	4.5	8
1903	24.3	59	-24	1.84	6.5	6	1926	29.3	68	- 9	1.42	3.7	7	1949	35.7	73	- 7	4.72	1.6	10
1904	29.5	68	-21	1.89	5.7	7	1927	29.1	72	- 6	2.97	3.7	7	1950	23.3	74	-23	1.45	9.8	8
1905	31.6	60	- 3	1.95	2.0	6	1928	34.2	73	- 5	2.32	1.4	7							
1906	33.1	71	- 2	3.12	1.2	9	1929	31.0	74	-11	2.30	9.5	10							
1907	34.0	74	2	2.54	5.6	8	1930	31.5	70	- 9	0.69	2.2	4	Period	31.1			2.14	4.4	
1908	33.3	76	- 6	1.15	2.6	5	1931	40.1	76	7	2.92	3.1	9							
1909	22.0	72	-21	2.99	14.9	10	1932	30.3	69	-20	3.88	4.7	9							
1910	27.1	63	-10	1.40	3.5	5	1933	35.3	75	-26	1.45	2.0	6							
1911	35.0	68	-10	2.19	4.0	8	1934	28.6	59	- 9	1.75	7.5	9							
1912	34.3	64	- 2	0.92	0.4	5	1935	25.9	64	-15	1.22	6.8	8							

CLIMATOLOGICAL DATA

Table 2

Station	Temperature									Precipitation								
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days Max 90° or above	No. of days Min 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max depth on ground at obsn.	Snow, Sleet, Hail Date	No. of days .01 or more	No. of days .25 or more	No. of days 1.00 or more
NORTHERN DIVISION																			
Aledo	20.5	-6.8	45	2+	- 8	27	1372	0	31	1.25	- .22			10.1	6	11	8		0
Antioch	17.2	-8.0	42	2	-15	27	1478	0	30	3.25	1.65	1.17	2		15	26+	8	5	1
Aurora College	17.0	-9.4	47	2	-24	27	1483	0	31	2.52	.84	.47	25	20.7	12	26+	13	4	0
Chicago University	22.2	-6.6	53	2	- 2	27	1319	0	30	2.13	.09	.72	6				14	2	0
Chicago WB Airport	19.6	-7.3	50	2	-10	27	1403	0	30	2.70	.63	.66	6	27.1	11	26	15	4	0
Chicago WB City	23.6	-6.4	52	2	2	27	1276	0	30	2.50	.43	.82	4				15	4	0
Cicero	21.2	-7.2	50	2	- 7	27	1351	0	30	2.49	.72	.62	6	21.6	12	26+	12	5	0
Dixon	18.1	-7.8	39	2	-21	27	1449	0	31	2.20	.68	.84	2	13.0	8	26+	9	2	0
Freeport	15.1M	-9.1	40	23	-29	27	1544	0	31	1.68	.18	.37	6	15.1	7	25+	12	3	0
Fulton Dam 13	19.3	-6.7	40	23	-20	27	1415	0	31	1.27	- .21	.36	26	11.2	7	26+	10	1	0
Galesburg	20.5M		42	2	- 7	18	1380	0	31	.59	- .97	.27	6	6.1	4	7+	7	1	0
Galva	20.2	-6.6	51	2	- 9	27	1384	0	31	.49	- .97	.24	6	5.3	5	19+	5	0	0
Joliet WB Airport	16.7	-9.2	50	2	-19	27	1491	0	30	1.80	.02	.67	6	15.3	6	8+	13	3	0
Kankakee	18.8	-9.6	63	2	-13	27	1424	0	30	1.45	- .47	.60	6	16.1	8	8+	7	2	0
Kankakee 4 W	18.5		62	2	-15	27	1434	0	30	1.94	.06	.62	8	18.8	9	8+	11	2	0
Kewanee	19.4	-7.1	44	2	-12	27	1407	0	31	1.14	- .31	.38	6	12.0			8		0
Lacon	18.6M				-13	28	1411	0		.50		.24	6	5.7	3	6+	4	0	0
La Salle	20.4	-8.1	51	2	- 9	27	1373	0	30	1.04	- .48	.19	6+	11.0			13	0	0
Marengo	15.5	-9.2	40	2	-26	27	1523	0	31	3.27	1.78	1.56	2	17.3	11	25+	8	5	1
Minonk	19.8	-8.2	57	2	-10	27	1393	0	30	1.08	- .58	.40	6	8.9	4	19	7	2	0

See reference notes following Station index.

Station	Temperature							No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Max. depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or more
Moline WB Airport //	19.1	-6.6	44	23	-12	27	1416	0	31	1.01	- .47	.23	2	7.3	4	11+	10	0	0
Monmouth Airport	19.5M	-8.2	49	2	-11	18	1401	0	30	.62	- .90	.23	6	6.4	5	11+	6	0	0
Morris 3 NE	17.5	-10.0	50	2	-15	27	1467	0	31	.88	- .81	.34	6	13.5	8	19+	9	1	0
Morrison	18.8	-7.5	43	23	-20	27	1426	0	31	1.54	.02			16.5	6	11+	10		0
Mount Carroll	17.9	-6.9	40	23	-26	27	1457	0	31	1.74	.19	.50	2	13.0	8	26+	9	4	0
Ottawa	20.8	-7.3	49	2	- 9	27	1363	0	30	.97	- .59	.31	7	9.9	6	19+	10	1	0
Pontiac	19.5	-9.9	63	2	- 7	27	1404	0	31	.98	- .90	.52	6	13.6	7	7+	7	1	0
Rockford	18.0	-7.4	41	23	-19	27	1452	0	31	2.69	1.12	.74	2	17.8	15	26	8	5	0
Rockford CAA AP	15.1	-7.7	39	23	-25	27	1539	0	31	1.96	.39	.72	2	12.9	8	26	13	2	0
Stockton	16.6		39	23	-17	27	1492	0	31	1.43	- .03	.42	2	14.5	9	26+	10	1	0
Sycamore	16.1	-9.1	39	23	-17	27	1510	0	31	2.39	.81	.74	7	18.5	14	26+	8	5	0
Walnut	19.3M	-7.9	39	23+	-12	27	1410	0	30	.66	- .81	.27	6		2	6+	8	1	0
Waukegan	18.3	-8.2	45	2	-12	27	1440	0	30	3.11	1.40	.88	2	16.8	11	26+	12	5	0
Wheaton College	17.6		47	2	-16	27	1457	0	31	2.95	1.22	.65	6	26.3	16	26+	12	6	0
DIVISION	18.7	-8.5								1.71	.04			14.1					
CENTRAL DIVISION																			
Bloomington Normal School	21.7M	-7.6	65	2	- 6	18	1344	0	30	1.04	- .92	.41	6	13.1	7	7	14	1	0
Carlinville 4 E	24.8	-7.6	68	2	- 5	18	1238	0	30	.63	-1.62	.34	6	6.7	5	6+	6	1	0
Charleston	23.1	-8.8	67	2	- 4	28	1295	0	30										
Danville	22.1	-7.8	66	2	- 4	18+	1323	0	30	1.72	- .56	.56	6	12.5	7	11	6	4	0
Decatur	22.9	-8.1	66	2	- 3	18	1301	0	30	1.53	- .73	.74	6	13.8	8	7	9	2	0
Effingham CAA AP //	22.6	-8.3	67	2	- 4	18	1309	0	30	1.60	- .99	.80	6	16.1	11	12	7	2	0
Griggsville	23.8	-7.8	67	1	- 6	18	1269	0	30	.40	-1.30	.20	6	4.0			3	0	0
Havana	22.5	-7.3	55	2	- 4	18	1310	0	31	.81	- .83	.25	2+	6.8			6	2	0
Hillsboro	25.6	-7.2	68	2	- 2	18	1214	0	30	.93	-1.31	.43	6	8.1	7	6+	8	1	0
Hoopeston	20.0	-9.4	64	2	- 9	27	1391	0	30	1.54	- .76	.65	6	13.5	5	19+	8	2	0
Jacksonville	24.3	-6.7	67	2	- 6	18	1253	0	30	.63	-1.10	.20	5+	6.5			4	0	0
Jerseyville	27.2M	-5.5	67	2	- 1	7	1163	0	29	.34	-1.86	.24	6	3.4			2	0	0
La Harpe 1 SW	21.6	-7.2	52	2	-10	18	1341	0	31	.45	-1.15	.19	6	5.2			7	0	0
Lincoln	21.6	-8.6	68	2	- 6	18	1338	0	30	1.03	- .94	.50	6	9.9	7	11	11	1	0
Mattoon	21.5		66	2	- 4	19	1342	0	30	1.72	- .81	.84	6				8	2	0
Morrisonville 1 E	23.8	-7.6	67	2	- 6	18	1269	0	30	.84	-1.13	.35	6	8.5	6	7+	7	1	0
Newton	26.1	-6.7	69	2		18	1200	0	30	2.45	- .18	1.30	3	7.0			8	2	1
Palestine	25.9	-7.7	57	2		18	1205	0	30	2.39	- .60	.96	2	5.1	3	18	11	2	0
Pana	24.5	-7.3	67	2	- 3	18	1250	0	30	1.20	-1.09	.66	6	11.5	9	11+	7	2	0
Paris Water Works					- 5	18		0	30	2.35		.80	3	11.5			6	4	0
Peoria WB Airport	20.8	-7.3	53	2	- 6	18	1365	0	31	.95	- .82	.35	2	8.3	5	11+	9	1	0
Quincy	24.2	-7.6	53	23	- 3	18	1257	0	30	.40	-1.19	.20	6	4.5	3	6+	4	0	0
Quincy CAA AP	22.8		57	2	- 7	18	1305	0	31	.37	-1.23	.22	5	4.0	5	11+	4	0	0
Rantoul Chanute AF Base //	19.7		63	2	- 4	27	1397	0	30	1.39	- .57	.57	6	14.2	9	7+	9	2	0
Roberts 3 N	18.9	-9.9	62	2	- 9	27	1426	0	31	1.24	- .59	.65	6	11.7			6	1	0
Rushville	24.1M	-6.0	54	2	- 5	18	1263	0	30										
Springfield WB Airport //	23.1	-6.6	68	2	- 6	18	1291	0	30	.78	-1.40	.28	6	7.2	6	11+	7	1	0
Springfield WB City	24.5	-7.2	68	2	- 1	18	1249	0	29	1.26	- .92	.35	4				9	3	0
Table Grove	22.3	-6.9	54	2	- 7	18	1316	0	30	.52	-1.04	.21	6	6.7	5	11+	7	0	0
Tuscola	20.8		66	2	-10	18	1365	0	30	1.29	-1.01	.81	6	11.0	8	7	6	1	0
Urbana	21.3M	-8.3	64	2	- 1	19+	1349	0	30	2.18	.03	.85	6	15.7	6	8+	13	2	0
Virden	24.0		67	2	- 5	18	1265	0	30	.61	-1.32	.34	6	4.2	3	6+	4	1	0
Watseka	19.5		63	2	- 7	27	1405	0	30	1.27	- .82	.60	6	9.8	5	6+	12	2	0
White Hall 1 E	26.1	-5.9	68	2	- 2	18	1202	0	30	.40	-1.53	.19	2	2.7	2	6+	4	0	0
Windsor	22.3	-9.2	66	2	- 5	18	1319	0	30	1.80	- .71	1.15	6	17.5	12	7	6	1	1
DIVISION	22.9	-8.5								1.15	- .94			9.1					
SOUTHERN DIVISION																			
Alton Dam 26	27.5M		67	2	3	7+	1160	0	30	.47	-1.76	.13	3	4.2	3	7	6	0	0
Anna 1 NW	31.7	-5.3	69	2	6	18	1025	0	26	1.80	-1.74	.90	6	2.7	9	6	7		0
Belleville Scott AF	28.5M		69	2	4	27	1136	0	30	1.18	-1.16	.51	5	4.5	2	6+	5	2	0
Cairo WB City	34.0	-3.8	72	2	12	7	954	0	23	2.59	- .81	1.49	2	7.5	4	6+	7	3	1
Carbondale Sewage Plant	31.7	-5.2	70	2	4	9	1025	0	27	1.56	-1.46	.71	5	9.0	9	6+	4	2	0
Du Quoin	31.1	-4.7	69	2	6	7	1043	0	28	1.56	-1.44	.78	6	8.5			4	2	0
East Saint Louis	30.3M	-5.5	73	2	5	7	1067	0		.67	-1.55	.24	6		4	6	4	0	0
Elizabethtown	32.6		71	2	6	18	999	0	27	1.70	-2.03	.82	6	1.0	1	6+	7	2	0
Fairfield	29.1	-6.1	70	2+	4	9	1106	0	30	1.13	-1.87	.74	3				6	1	0
Flora	28.0M	-5.9			1	18	1139	0	31	2.77	- .05	1.68	3				7	3	1
Golconda Dam 51	31.0	-5.2	71	2	6	18	1050	0	30	1.59	-2.19	.86	3	1.0	1	12+	5	2	0
Greenville	27.0	-6.2	67	2	0	18	1171	0	30	1.11	-1.26	.37	6+	6.6	5	6+	4	3	0
Harrisburg	31.0	-6.4	74	2	7	9+	1047	0	27	1.93	-1.37	.93	3	6.5	5	6	6	2	0
McLeansboro	30.1	-5.7	72	2	6	7+	1074	0	27	1.76	-1.64	.92	6	8.0	7	7+	6	2	0
Mount Carmel	29.9	-5.3	71	2	6	18+	1084	0	30	2.63	- .95	1.09	3	4.2	3	12	7	4	1
Mount Vernon 4 N	28.2	-6.5	70	2	2	9	1133	0	30	1.99	-1.00	1.00	3	8.0	8	6	7	2	1
New Burnside	30.7	-5.9	71	2	5	28	1057	0	28	2.19	-1.42	1.07	3	7.9	6	6+	7	2	1
Olney Radio Station	26.8	-7.4	70	2	2	18	1177	0	29	2.52	- .40	1.60	3	3.5	2	7+	4	3	1
Sparta	31.2	-4.5	69	2	5	7	1041	0	29	.86	-1.79	.37	2	5.5	4	6+	7	2	0
DIVISION	30.0	-6.1								1.68	-1.23			5.5					
STATE	23.3	-7.9								1.45	- .70			9.8					

Table 3

DAILY PRECIPITATION

ILLINOIS
DECEMBER 1950

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Albion		11		67	T	.62	.28				.15	.16							T												1.99
Aledo		T	35		T	*	*	.29	T	.06	*	.50		T	T				T	05						T					1 25
Alexis Water Works R		11	04			.10	.19	.09			.11			.02					.10												
Alton Dam 26		03	T	13		06	.07	.06	T		T	T	.12	T				T	T								T				47
Anna 1 NW		.07	*	.63		.07	.90	.03			T	.10	T						T												1.80
Antioch			1 17			.05	.56	.30	.50	T		T		T	T	.12			T		T	T			.20	45					3.25
Augusta R		*	.16			.04	.04					.12																			.36
Aurora College			.08			.41	.21	.42	.17			.05		.04	T	.04			.98			T	.06	.08	.47	41					2 52
Avon					T	.23	03			.08																					34
Beardstown			01	25		.21	19	.06				.06	.08						T								T				86
Beardstown Lgrng Dam R		01	.03	.19		.24	71					.10																			74
Belleville Scott AF		T	50		T	.51	.13	.02		T	1	T	T						I							02					1.18
Belleville Scott AF R			43			.22	.27	.04				.05							61							02					1.04
Belvidere Sewage Pl R			.93			.02	.39	.32	.13	.03		.54		.09	.04				-	-					.45	.07					-
Bentley		T	T			.13	.26	T		T		.10							I							T					.49
Benton		.02		1.02		07	.72	.04				.05																			1.92
Bloomington			T	.04			.33	.23	.09		.01		.10	.03	.04	.01			I	08						.02	T				.98
Bloomington Normal			.02	02		T	.41	21	.02		.01	.07	02	.04	03	.02			12						03	02					1.04
Bluffs		01	52			.10	.25	.01											02												.91
Bradford CAA AP 6		.04	.17	T		.08	.19	.05	T	T	T	.07	.03	T	.02	T	T		16	T	T				07	.02			T		.80
Cairo WB City R		.03	1.49	.07		.26	.68	T			.01	.05	T								T										2.59
Canton			.20			T	.30	.20			.10	.10														I					.90
Carbondale Sewage Pl			.61		T	71	.19	T		T	T	05	T				T														1.56
Carlinville 4 E		T	.10			.08	.34	.02		T	T	.08							T							.01					.63
Carmi		05		1.15		.08	.80	.10			.05	08	03						T												2.34
Carpenter 1 SW R			.45						.05																						50
Casey			.75			.62		T			.12				.25		T														1 74
Centralia 1 W		I	.90	.50		T	.66	.06			1	.08	T						I												2.20
Chandlerville			.14			.04	.38	.20	.07	.16									I												.99
Channahon Dresder			.05	.10			.16	.64	.37		.05		.09	T		.09				11		01				.24	.05				1.96
Charleston		.15	.20	.24			.75	.12		.06	04	.09	.02						05	T											-
Chenoa		T	.19			.03	.57	.11		T	2	06	.01	T	.06		T		11						11	.02					1.26
Chester			T	1.10			.25	.25					T																		1 60
Chicago Cal Treat. Wks R		.08	.11																												
Chicago N Br. P. S. R		.07	.07			-	-	-																							
Chicago San Dist. Disp.R		.08	.03			-	-	-		-		-		-	-	-	-		-	-	-	-	-	-	-					-	-
Chicago San Dist Of. R		.04	.11			-												-	-	-											
Chicago University		.11	.09	.01		.02	.72	.18	.11	.04		T		.03	.06	.05	T		.03		T				47	.21					2.13
Chicago University R		.11	.09	.01		.02	.72	.18	.11	.04				03	.06	.05			03						47	21					2.13
Chicago WB AP R		.04	.09	T		.01	.66	.54	.20	.07		.02	T	.02	.14	.05	T	T	10	T	01	T			50	.25			T		2.70
Chicago WB City R		.07	.10			.02	.82	.31	.14	.05		.01		.01	.06	.06			06		.02				52	25					2 50
Chillicothe			.12	T		T	.27	.08	.01	T		.10	.02		.03	.01			10						10	I					.84
Cicero		I	.08	T			.62	.26	.31	.06	T	.01		.03	01	.15	I		06			I			36	4					2 49
Cisne Brown Camp R		.06	.89			*	.70					.11	.04																		1.80
Clinton 1 S				.10			.37	.05		T	T	.07	.05						05							T					.69
Collinsville R		*	.37			.21	.19	.05																	02						.84
Coulterville R		.05	.54						.09			.09																			.77
Crete R		.02	.19			.52	.23	.49	.05			.05			.05	03			04						22	.07					1.98
Danville		T	.26			T	.56	.26		T		.42		T	I	T			18						04						1.72
Danville Sewage Pl			.02	.28			38	51	.08		.02		.11		04	T	T			.12		I				T					1.56
Decatur		T	.15			T	.74	.26	04	.03	.01	.17	.07	T	T	T			.06						T	T			T		1.53
Des Plaines 1 NW			.24	.15			56	.58	.08	.05			.02	T	.01	.18			03			01			30	.56					2 77
Dioma R			.63				85					.09	.03						05												1.65
Dixon			.84	T	T	I	.22	18	.16	T		.04		T	T	.16			09	T		T			40	.11					2.20
Downs 2 NE R		02	.08			.04	45	06				.10							10						07						.92
Du Quoin		.08		.65			.78				I	05																			1.56
Dwight		T	.30	T		T	.60	.15	.05	I		.05		T		.02			15			I			10	.03					1.45
Dwight State Ref R		.03	.45			.03	.41	.07	.02			.03							13						08						1.25
East St. Louis		T	.23		I	.18	.24	T			T	.02	T						T							T					67
Edelstein		.07	.04			.05	.11	05				-	-	-	-	-	-	-	-							-						-
Edwardsville		.04	.40	.11	.38	.09	.43	.11	.01	T	I	.02							I	I		T				09	T					1.68
Effingham CAA AP		T	.64			.01	.80	T		.01	T	.09	.03	T					02							TT						1.60
Effingham CAA AP R			.65			01	.99					*	.12						03													1.80
Elgin			.23	T		T	.37	T	.55	.05		I	I	T	I	.21			.08		T	I			.42	.34					2.25
Elizabethtown		.03		.60		.08	.82	.10			T	.04	.03													T					1 70
Elsah					T	.48	.29																								.77
Evanston Pump Sta. R		.14	.25				-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fairbury Water Wks R //		.03	.01			.05	.56	.06				.08							.10						15						1.04
Fairfield		.05		.74			.06	.13				.07	.08																		1.15
Farmer City R		.02	.13			.06	.69			.03		.09	.01						.11												1.14
Flora		05		1.68			.55	.27				.10	.05						.07							I					2.77
Freeport			.12			.03	.37	.20	.07	.02		.05			.05	.03	T		.10		T				.35	29					1.68
Freeport Sewage Pl			.34	.16			.14	.18	.20		1	T	.03	T		.08		T	.01	10						31					1.57
Freeport Sewage Pl. R		.05	.48			.10	.20	.10				.03			.08				.10						.35	05					1.54
Fulton Dam 13			.23	.14		T	.14	.17	.09			.02	.04			.02		T	T	06	T				I	.36					1 27
Fulton Dam 13 R		.23	.13			.08	.18	.05	.03			04	.05						.08						.18	.05					1.10
Galatia 1 W R			.64	.17		.07	.46	.08	.15			.09																			1.65
Galena			.36				.36	.30	.20		1	*	.08	I		I			06		I				*	.40			T		1.81
Galesburg			.03			.02	.27	.08	.01			.11							.07						T						.59
Galva						T	.24	.04				.07	.03						11						T						.49
Geneseo		.42			.04	.34	.03					08	.01		I				.06						.07	I					1 05
Gibson City		.05	.30				.50	.30	T	I		07	T	.03		.03			20		.93				.50	.50					2.47
Gladstone Dam 16			.01	T		T	.17	.21	.03		I	.07	.04		T	T			I	04						T					.57
Glendale Exp Farm		03	.89	.05		.22	.86					.05																			2.10
Glendale Exp Farm		.03	.88	.05		.22	.86					.05																			2.09
Golconda Dam 51		.03	T	.86			.47	.18			T	I	.05	T				T		T											1.59
Golconda Dam 51 R		.05	77	.05		.10	.63					.05																			1 65
Golden			T			.10	07	.07	.06			.05																			.35
Grafton		T	.10	.14		.10	.18	.14	T		I		14						.								T				.80
Grand Tower 2 N				.94		.03	.67	T			T	.10																			1.74
Greenfield R			.16			12	.06					.05	.04																		
Greenup		T				.30	.20	.02		T	1	.05	.10						.10							I					.43
Greenville			.34			.03	.37	T			I	37	T						T													77
Gridley			.20				.35	.15	.05	T		.04	T	T	.03	.03			10		T				.05	03					1.11
Griggsville				T			.20			.10		.10																			1.03
Hardin			19			.30	.62	.30				.30					I									I					.40
Harrisburg		03		93		T	.87	.05			T	.04	.01				T		I												1 62
Harrisburg Disp Pl.		01	.02	.98			.53	.15	.03			.02	09	.01																	1.93
Havana		T	.25			T	.25	.08	.10	T		.09	I						.04	I		I				T					1 84
Havana No 2		T	.02	.27			.13	I	.06		I		.06	T	I				T	.01				T		I					.81
Hillsboro		T	.19	.12		.03	.43	.02	T		I	09	03						.02							T					.55
Hoopeston		T	.25	.12		T	.55	.20		.02	T	.04							.15						.11						.93
Hoopeston R			09	.30		*	*	*	.85			.03			03				.08					01	09						1.54
Hud Lk Bloomington			.54			.06	.29	.03		.08	02	.02			.04				.08						.04						1.50
Hutsonville R			1.34	.02		.02	.47	.04		.06		07							09												1.16
Hutsonville Pwr Pl. R			T	-	-		.22	.45	T		.05	I	.06	T	I	T				12						T					2 10
Illinois City Dam 16			01	.02		T	.13	.17	.02			.09	.06		.02	.02			.01	5						01					-
Illinois City Dam 16 R		.19	.13			.02	.10	.05				.13	.03		03				06												.91
Jacksonville		T				.20	.18	T	.05	T	T	.20							T						01						.75
Jacksonville Sew. Pl.R			.03			.09	.06					.09														I					.63
Jerseyville			T			.10	24	T				I																			.27
Joliet Brandon Rd Dam			06	.09			.30	.15	.80		.02		.07	T	.01	.07			01	.07		I				.35	T				.34
Joliet WB AP 6		.02	.13	T		.03	.67	.43	.03	.03		.04	T	T	.03	.02	I		04	I	T	I			28	45					2.00
Kankakee		T	I				.60	.27	.10	T		I		I	T	.05			18						18	07					1.80
Kankakee 4 W		T	.02	.22		T	.52	.10	.62	T	.02	.04	T	I	T	.08			09	T		T			16	07					1.45
																															1.94

See reference notes following Station Index

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Kankakee Sew Pl	R	-	-	-			.49	.11	.02			-	-	-	-	-	-	-	-	-						.15	.04						-
Keithsburg			T	.22		T	.12	.21	T			.04	.04		T					T	.03		T			.15	.04						-
Kewanee		T				T	.38	.10	.05			*	.26		.08					.09						.18	T						.66
Kewanee Baker Park	R			-	-	-	.20	.04				.10								-	-	-	-	-	-	-	-	-	-	-	-	-	1.14
Lacon			T				.24	.07		T		.09			T	T				.10		T				T							-
																																	.50
La Harpe 1 SW		T	T	T		.11	.19	.03	.01	T	T	.09	.01			T				.01							T						.45
Lanark	R	12	.31				.09	.15	.03						.10					.06						.36							1.22
La Salle			.09	T		.01	.19	.19	.07	.01	T	.09	.02	T	.01	.04				.13			T			.15	.04						1.04
La Salle 1 S			.06				.03	.11	.04		T	T	.03		T	.01				T	.07						.05						1.04
Lawrenceville		T		1.00			.15	.40				.12	.15	T						.10													.40
																																	1.92
Le Roy			.20				.61	.08		.01		.05			.05					.09						.03	.02						1.14
Lincoln		.02	.03			.05	.50	.10	.01	.06	.01	.20	.02							.03							T						1.03
Lincoln No. 2			.02	T			.05	.45	.02		.01		-						-	-						.36	-						1.22
Lockport L & D	R	.03	.14			.01	.61	.03		.03						.04				.10						.26	.05						1.30
Lockport Power House	R	.05	.04			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Louisville	R	*	1.54			*	*	*	1.07					.25																			2.86
Mackinaw			.12				.16	.09																									.37
Macomb		T	T			.03	.18	.16	.04	.01		.12	.01							.03							T						.58
Marengo			1.56			.03	.25	.31	.25			T				.15				.15						.57	T						3.27
Marietta	R	.02	.06					.13	.12	.05	.05	.03																					.46
Marion				.66		T	.61	.17			.26	T	T																				1.70
Maroa	R	01	.15	.06	.42							.08								.03													.75
Marseilles Lock			.08				.09	.09	.08	T		T	.02		T	.07				T	.18						.08						.69
Marshall				.98			.51	.20		*	*	.30	T	.07												T	.01						2.07
Mascoutah			41	.24	T	.03	E.41	.01	T	T	T	T	.02						T	T						T							1.12E
Mason City	R	14				.12	.12	.09				.18																					.65
Mattoon		T	.44			.01	.84	.10		.10	.05	.10	.05							.03											T		1.72
Mc Henry	R	*	1.30		.05	.48	.55	.24												.05			.02			.51	.12						3.32
Mc Henry 2 S			.98			.03	.37	.30	.40	T		T		T		.14				T			.02			.37	.29						2.90
Mc Leansboro		.06		.55		T	.92	.16			T	.05	.02							T													1.76
Medora			.05			.22	.23	.03	T	T	.05	T								T							T						.58
Minonk			.27			.03	.40	.07		T		.03			T					.11						.17	T						1.08
Moline WB AP	R	.21	.23	T		11	.20	.04	T	T	T	.09	T	T	.02	T	T			.05		T				.05	.01			T			1.01
Monmouth Airport			.06			T	.23	.03		T		.17	.01	T	T					.12						T	T		.04				.62
Monticello			.26			T	1.28	.02	T	.04			T	T	.03		T			.06	.03			T									1.76
Morris			.16	T			.19	.39	.17		T		.04	T		T					.07					.18							1.20
Morris 3 NE			.08	.01			.34	.15	.10	T		.05	T	T		.02				.03		T	T			.10	T						.88
Morrison		*	.60			T	.26	.11	T	T		.08		T	.01	.02	T			.08						.20	.18						1.54
Morrisonville	R		.21			.07	.31			.01		.09									.08												.77
Morrisonville 1 E		T	.22	.02		.05	.35	.05	T	T	T	.10	T							.05							T						.84
Mt. Carmel		T	.09	1.09			.50	.60	.05		.04	T	.26	T		T					T												2.63
Mt. Carmel Water Wks	R		.97	.13		*	*	.95				.12																					2.17
Mount Carroll			.50			T	.26	.26	.05	T		.07	T	T	.01	T	T			.06			T			.16	.37						1.74
Mount Olive		.01	.06			.05	.25	.02			T	.09	T							T							T						.48
Mount Pulaski		T	T	T		T	.55	.07		.05	T	.10	.05		T				.03						T								.85
Mount Sterling		T	.16			.14	.26	T	.07			.10																					.73
Mount Vernon 4 N		.02	T	1.00		.03	.89	.03			T	.01	.01																				1.99
Murphysboro Water Wks	R	.03	1.53	.03		.12	.79					.09																					2.59
Nashville 3 NW		11	2.77				*	.47					.08														T						3.43
Newark 7 E			.27				.39	.18	.20	.03	T	.07		T		.07				.07			T			.32	.17						1.77
New Boston Dam 17			.14	.39		T	.12	.15	.05		T	.03	.04		T	.02				T	.02						T						.96
New Boston			.12	.78		T	.30	.20	.08			T	.15	T	T	T	T			.21	.25					.03	T			T			2.12
New Burnside		.04	T	1.07		.11	.85	.04			T	.06	.02							T													2.19
Newton		.02		1.30			.73	.17			.04	.06	.09							.04							T						2.45
Newton	R	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												-
Olney Radio Sta.				1.60			.50					.40								.02													2.52
Oregon	R	.07	1.00			.16	.32	.11												.14						.21	.03						2.04
Oregon Water Wks			.23	75			.08	.20	.29				.03		.06					.03	.05						.54						2.25
Ottawa		T	.08	T		T	.15	.31	.07	.03		.04	T	T	T	.02				.13			T			.12	.02						.97
Palestine		.02	.96	.22		T	.70	.08		.07	.04	.07	.02	.01	T					.20							T						2.39
Pana		T	.29			T	.66	.03		.02	.02	.10	T							.08							T						1.20
Paris Sewage Plant	R		.58	.02			.66	.09			.04	.03	.03							.06													1.51
Paris Water Works			.10	.80			.60	.10				.50	T							.25													2.35
Paw Paw		.24				T	.30	.25	.22	T	T	T	T	T	T	T				.05						.40							1.46
Payson						.19	.17		T		E.05	.13	.07	T																			.61E
Peoria Lock & Dam	R	.06	.14			.08	.17	.15		.02		.08	.05		.08					.08													.91
Peoria WB AP	R	03	.35			.08	.18	.10	T	.02	T	.10	T	T	.04	T				.05		T				T	T			T			.95
Peotone		T	.04	.36			.47	.36	1.14	.08		T				.09				T						.38	.19						3.11
Petersburg		T	T			T	.39	.03		T	T	.05	T							T							T						.47
Piper City	R	.03		.02	.54	.09																				.10							.78
Pittsfield Water Wks	R		.07			.19	.12	04				.05																					.47
Pleasant Hill 2 E			T			.22	.18	.01				T															T						.41
Pontiac			.04				.52	.13	.01	T		.01		T	T	T				.11			T			.16	T						.98
Prairie Du Rocher	R	08	1.82		.30	.53						.08																					2.81
Princeton 1 S	R	.10	.03			*	*	*	*	.25		*	.17			.04				.09						19							.87
Princeville 2 NW		T	.40	T		T	.14	.04	T			.03		.04	.03					.03			T			.02							.73
Prophetstown	R	.17	.36			.11	.12		.03			.08								.08						.15							1.10
Quincy						.13	.20	.01				.06								T							T						.40
Quincy CAA AP	6	T	T			.22	.03	.01	T	T	T	.11	T				T			T	T					T	T						.37
Quincy Dam 21			T	T		.05	.14	.08	.02			T	.03							T	T						T	T					.32
Quincy Dam 21	R					.10	.07					.05																					.22
Quincy Memorial Bridge			T			.02	.15	.20	.04			T	.04							T	T													.45
Rantoul Chanute AF		T	.15	T		T	.57	.24	.04	.03	T	.02	.02	T	.05	T				.27		T	T			T	T				T		1.39
Rantoul Chanute AF	R		.11			.02	.79	.08	.11			.04			.02					.08	.05				.03								1.33
Red Bud			T			.40	.13				.01																T						.54
Richview	R	.67				*	70				.05	.02																					1.44
Roberts 3 N			.05			1	.65	.14			T	T		T	T	.07				.11	T	T	T			.22	T						1.24
Rochelle			.50	T		T	.10	.25	.06	T		.10		T	T	.10				.10						.60							1.81
Rockford			.74	T	T		.08	.42	.43			T		T	T		.17			.03			T			.42	.40						2.69
Rockford CAA AP	6	.07	.72	T		.06	.21	.12	.05	T		.07	.02	T	.09	.03	T			T	T	.02				.35	.15						1.96
Rock Island Dam 15			.14	.30	T	T	.17	.21	.03		T	.04	.08	T	T	T				.02	.03		T			T	.07				T		1.09
Rockport		T	T				-	-				-																					-
Rushville			.15			T	.33	.07				-		-	-	-	-	-	-	-						-	-	-	-	-	-	-	-
Ste Marie				1.33			.40	.38	.05		.10		.26	.14							.30													2.96
Salem		03		1.24			.87	.06			.02	.05	.05																					2.32
Shawneetown New Town		T	T	.48			.61	.42	T		T	T	.08	T							T													1.59
Sidell			T	.30			.39	.29	T		.01		.05	T	.02						.09						.01							1.16
Skokie N S Tr Wks	R	.12	.21			02	.62	18	.11						.07					.03		.02				.34	.06						1.78
Sparta		.08	.37	.05		.02	.31	.02			T	.01	T							T	T					T							.86
Springfield WB AP	R	T	.12			16	.28	.04	T	.01	T	.16	.01	T						T	T					T	T						.78
Springfield WB City	R	.02	.28			12	.28	.05	T	.01	T	.14	T	T						.01	T					T	T						.91
Stickney W Side Tr	R	.09	.01				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stockton			.42			04	.17	.18	.14			.05	T	T	.06					.06			T			.17	.14						1.43
Streator		T	.68				.25	.28		T		.04	.03		.01	.03				.13						.48							1.93
Sullivan Water Wks	R		.29			03	.92			.04		.12	.03							.05													1.48
Sycamore			.38				.27	.74	.05	T						.20				.06						.35	.34						2.39
Table Grove		T	.09			.04	.21	.05	.01	T	T	.10	T	T						.02							T						.52
Taylorville			.12				.43	.05		.04	.02	.06	.09							T							T						.81
Tiskilwa			.48			T	.20	T				T	T	T						.13						.15							.96
Toulon			09			.01	.25	.02		T		.19	.02	T	.02					.20						.10	T						.90
Tuscola			T	.21			.81	.10			.07	.03								.07													1.29
Urbana		.01	61	T			.85	.18	.05	.08	.03	.06	.05	T	.01	.02				.20	T		T			.03	T				T		2.18
Urbana Exp Farm	R	.02	.74				.86	.02					.04		.01					.07													1.76
Utica Starved R Dam			.07			.02	.25	.17	.15		.03		.10		.01	.10				T	.20						.24							1.34
Vandalia	R				.55	.15						.06	.02																					.98

See reference notes following Station Index

DAILY PRECIPITATION

Station		Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Virden		T	.15			.07	.34	T	T	T	T	.05	T							T							T					.61
Walnut		04	.03			T	.27	.02	.06	T		T			.03					.07						.14							.66
Warsaw			.02			T	.24			.03		.12																					.41
Washington	R	.07	.15		.02	.20	.05	.17	.02			.06			.03					.06	04												.87
Waterloo		.02	.30	.34		.14	.23	T			T	T	T							T							T						1.03
Waterman	R	09	.33				.35	.52	.17				.05		.05	.05				.10						.48	.07						2.26
Watseka			.04	.04		.02	.60	.26	.03	T	.02	.02	.01	T	T	.03				.10						.10							1.27
Waukegan			.88			.10	.62	.45	.30	.04				.02	T	.10				.02			.02			.18	.38						3.11
Wayne City				.78			1.20	.88	.10			T	.40																				3.36
Wenona	R	.07	.09				.27	.04				*	*	*	.10					.10			.05			.17							.89
West Frankfort 8 E	R	.02	.40	.29		.09	*	*	.66		.01	.50	.01																				1.98
Wheaton College			.26	.07		T	.65	.24	.45	.28		.05	T	.01	T	.15				.08				T		.31	.40						2.95
White Hall 1 E			.19			.02	.14	T				.05								T							T						.40
Wilcox			.05	1.45			.75	T			T		.25	T					T	T													2.50
Windsor		T	T	T			1.15	.20		T	.05	.15	.10							.15							T						1.80
Yates City	R	.13	.04		.08	.15			.07			.15								.05													.67

DELAYED DATA

June 1950																																	
Galena			1.97							.36			1.66	.56	*	.42				1.23	.05				.87				.26				7.38
July 1950																																	
Mason City				.42													.44	.38		1.40				.10									2.74

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
ALEXIS WATER WORKS																							.10	.01	.11
AUGUSTA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BEARDSTOWN LAGRANGE DAM //																								.01	.01
BRADFORD CAA 6																				*	*	*	*	*	-
CAIRO WB CITY			.02	.01																					.03
CAMP ELLIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO CAL TREAT WKS																					.01	.07			.08
CHICAGO LAKEVIEW PUMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA																						.02	.04	.01	.07
CHICAGO ROSELAND PUMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT																						.03	.01	.04	.08
CHICAGO SAN DIST OFF																						.03	.01		.04
CHICAGO S FILTER PL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SPRINGFLD PUMP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY																					.02	.06	.01	.02	.11
CHICAGO WB AIRPORT																					.01	.01	.01	.01	.04
CHICAGO WB CITY																						.04	.01	.02	.07
CISNE BROWN CAMP																.01	.01	.01	.01	.01	.01				.06
COLLINSVILLE																						*	*	*	*
COULTERVILLE					.04	.01																			.05
CRETE																						.02			.02
DANVILLE HOSPITAL	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNS 2 NE																								.02	.02
DWIGHT STATE REFORM																					.01	.01		.01	.03
EDELSTEIN																			.02	.03	.01	.01			.07
EVANSTON PUMP STA																					.02	.03		.09	.14
FAIRBURY WATER WORKS																							.01	.02	.03
FARMER CITY																							.01	.01	.02
FREEPORT SEWAGE PLANT																								.05	.05
FULTON DAM 13																						.01	.06	.16	.23
GLENDALE EXP FARM													.01	.01	.01										.03
GOLCONDA DAM 51																	.01	.01	.01	.01			.01		.05
ILLINOIS CITY DAM 16																							.05	.14	.19
JOLIET WB AIRPORT 6																				*	*	*	*	*	-
KANKAKEE SEWAGE PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEWANEE BAKER PARK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANARK																								.12	.12
LOCKPORT LOCK AND DAM																					.01	.02			.03
LOCKPORT POWER HOUSE																				.02	.01	.01		.01	.05
LOUISVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MARIETTA																							.01	.01	.02
MAROA																								.01	.01
MASON CITY	.02	.02	.01													.09									.14
MC HENRY																			*	*	*	*	*	*	*
MOLINE WB AIRPORT																								.21	.21
MURPHYSBORO WATER WORKS //												.01	.02												.03
NEWTON																						.01	.01		.02
OREGON																			.01	.02			.01	.03	.07
PEORIA LOCK AND DAM /																				.04		.01		.01	.06
PEORIA WB AIRPORT																			.01	.01	.01				.03
PIPER CITY	.02	.01																							.03
PRAIRIE DU ROCHER W WKS		.01	.02	.05																					.08
PRINCETON 1 S //																			.01	.01	.01	.05	.01	.01	.10
PROPHETSTOWN																								.17	.17
RICHVIEW					.01	.02												.04	.38	.19	.01		.02		.67
ROCKFORD CAA 6																				*	*	*	*	*	-
SKOKIE N S TREAT WKS																					.01	.04	.06	.01	.12
SPRINGFIELD WB CITY																			.01			.01			.02
STICKNEY W SIDE TREAT																						.02	.04	.03	.09
URBANA EXP FARM																		.02							.02
WASHINGTON																				.02	.01	.01	.02	.01	.07
WATERMAN																				.03	.01	.02	.03		.09
WENONA																				.02	.04			.01	.07
WEST FRANKFORT 8 E															.01	.01									.02
YATES CITY									.01	.02									.01	.01	.08				.13
—2d—																									
ALEXIS WATER WORKS	.04																								.04
AUGUSTA	*	*	*	*	*	*	*	*	*	*	*	*	.16												.16
BEARDSTOWN LAGRANGE DAM /	.01	.01	.01																						.03
BELLEVILLE SCOTT AF BSE																.06	.03	.22	.14						.45
BELVIDERE SEWAGE PLANT	22	.04	02					.01	.01				.11	.07	.34	.10	.01								.93
BRADFORD CAA 6	.04	*	*	*	*	*	02							*	*	*	*	*	.15						-
CAIRO WB CITY																			.03	.43	.10	.30	.29	.34	1.49
CARPENTER 1 SW														.01		.29	.01	.11	.03						.45
CHICAGO CAL TREAT WKS		.02															.01	.07	.01						.11
CHICAGO N BRA PUMP STA	02		.01													.01		.03							.07
CHICAGO SAN DIST DISPAT		.02																.01							.03
CHICAGO SAN DIST OFF	.03	.06																.02							.11
CHICAGO UNIVERSITY	.02	.04															.01	.02							.09
CHICAGO WB AIRPORT		.01	.01														.05	.01	.01						.09
CHICAGO WB CITY	.02	.04	.01															.03							.10
CISNE BROWN CAMP	.01	.01	.01	.01															.02	.54	.08	.04	.01	.16	.89
COLLINSVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.37					.37
COULTERVILLE																		.23	.08	.16	.03	.04			.54
CRETE		.03	02															.13	.01						.19
DIONA																		.18	.21	.22	.02				.63
DOWNS 2 NE	.03	.02	01														.01	.01							.08
DWIGHT STATE REFORM	.01	.01	.01						.01	.01							.39	.01							.45
EDELSTEIN	.01	.01														.01	.01								.04
EFFINGHAM CAA //																		.26	.13	.16	.02	.07		.01	.65
EVANSTON PUMP STA			.12												.01	.01	.02	.09							.25
FAIRBURY WATER WORKS //	.01																								.01
FARMER CITY		.01	01														.06	.03	.01		.01				.13
FREEPORT SEWAGE PLANT	.25	.04	.01										.06	.03	.07	.02									.48
FULTON DAM 13	01	.01											.01	.07	.03										.13
GALATIA 1W																				.24	.19	.01	.18	.02	.64
GLENDALE EXP FARM																				.25	.26	.06	.21	.10	.88
GOLCONDA DAM 51																				.02	.43	.12	.09	11	.77
GREENFIELD							01	01								.14									.16
HOOPESTON						02			.01	.02	.01					.01		.01	.01						.09
HUDSON LK BLOOMINGTON														.48	.06										.54
HUTSONVILLE																	.89	.22	.15	.03		.02	.01	.01	1.33
ILLINOIS CITY DAM 16	08	02						.01	.02																.13
JACKSONVILLE SEWAGE PL															.01	.02									.03
JOLIET WB AIRPORT 6	.02	*	*	*	*	*	03							*	*	*	*	*	.10						-
LANARK	.07	01	.01	.02					.01			.01	.08	.07	.03										.31
LOCKPORT LOCK AND DAM		.01	01	.01		01											.05	.05							.14
LOCKPORT POWER HOUSE																	.01	.01		.01				.01	.04
LOUISVILLE	*	*	*	*	*	*	*	07										.36	.77	.26	.02		.01	.05	1.54

See reference notes following Station Index.

Station		A. M. Hour ending												P. M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MARIETTA		.01	.01	.01	.01	.02																				.06
MAROA		.02	.01	.02														.01	09							.15
MC HENRY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.15	.15								1.30
MOLINE WB AIRPORT													.17	.06												.23
MORRISONVILLE																*	*	*	*	*	.21					.21
MT CARMEL WATER WORKS																					.03	.72	.17	.03	.02	.97
MURPHYSBORO WATER WORKS	//																			.55	.10	.54	.26	.01	.07	1.53
NEWTON		.01			.01																					-
OREGON		.16	.01	.02									.05	.24	11	.34	.01		.01	.01	.01	.02	.02			1.00
PARIS SEWAGE PLANT																			.02	.21	.19	.13	.02		.01	.58
PEORIA LOCK AND DAM	//			.01												.11	.02									.14
PEORIA WB AIRPORT																.01	.34									.35
PIPER CITY																			.02							.02
PITTSFIELD WATER WORKS														*	*	.07										.07
PRAIRIE DU ROCHER W WKS																*	*	1.02	.53		.27					1.82
PRINCETON 1 S	//	.01		.02																						.03
PROPHETSTOWN		.04		.01	.01								.15	.13	.01	.01										.36
RANTOUL CHANUTE AF BASE	//																.04	.01	.05		.01					.11
ROCKFORD CAA	6	.07	*	*	*	*	*	27							*	*	*	*	*	*	45					-
SKOKIE N S TREAT WKS		.01	.12															.03	.05							.21
SPRINGFIELD WB AIRPORT	//																.12									.12
SPRINGFIELD WB CITY																	.28									.28
STICKNEY W SIDE TREAT																			.01							.01
SULLIVAN WATER WORKS	//																	.01	.09	03	.16					.29
URBANA EXP FARM																		.46	.28							.74
WASHINGTON		.03	01														.09	.02								.15
WATERMAN	//	.19		03		.01												.10								.33
WENONA		.01	.02														.05	.01								09
WEST FRANKFORT 8 E																							.15	.14	.11	.40
YATES CITY																.04										.04
													-3d-													
BEARDSTOWN LAGRANGE DAM	//								*	*	*	*	*	*	*	*	*	*	*	*	.19					.19
CAIRO WB CITY		.07																								.07
CHICAGO UNIVERSITY													.01													.01
GALATIA 1W		.16	.01																							.17
GLENDALE EXP FARM		.01	.02			.01	.01																			.05
GOLCONDA DAM 51		.03	.02																							.05
HOOPESTON							.17	.13																		.30
HUTSONVILLE	//	.01	.01																							.02
KANKAKEE SEWAGE PLANT		-	-	-		-	-	-	-																	-
MAROA																								.02	.04	.06
MT CARMEL WATER WORKS		.04	.09																							.13
MURPHYSBORO WATER WORKS	//	.02	.01																							.03
PARIS SEWAGE PLANT		.01	01																							.02
WEST FRANKFORT 8 E		.11	.04	06	.08																					.29
													-4th-													
MAROA		.02		02	.02	.02	.04	.04	.06	.05	.05	.01	.01	.02	.05	.01										.42
MC HENRY											.01	.01	.01							.01	.01					.05
VANDALIA													*	*	*	*	*	55								.55
WASHINGTON																								.01	.01	.02
YATES CITY																			.01	.02	.01	.02	.01		01	.08
													-5th-													
ALEXIS WATER WORKS																		.01	.03	.01	.02	.01	.01		.01	.10
AUGUSTA																			.01	.01	.01	.01				.04
BEARDSTOWN LAGRANGE DAM	//					.01	.02	.01			01						.01	.04	.01	.04	.05	.01	.01	.01	.01	.24
BELLEVILLE SCOTT AF BSE	//				.03	.02		.02	.03			.01					.03	.02	.03	.01	.01		.01			.22
BELVIDERE SEWAGE PLANT															.01	.01										.02
BRADFORD CAA	6																				*	*	*	*	-	
CAIRO WB CITY													.02		.01			.01					.02	.09	.11	.26
CHICAGO CAL TREAT WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO UNIVERSITY																									.02	.02
CHICAGO WB AIRPORT																									.01	.01
CHICAGO WB CITY																									.02	.02
CISNE BROWN CAMP																		*	*	*	*	*	*	*	*	*
COLLINSVILLE					.04	.03	.01	.01	.01	.01							.02	.03	.02	.03						.21
CRETE												.01	.01	01	.03	.01	.02	.04	.05	.09	.08	.07	.05	.03	.02	.52
DOWNS 2 NE																									.04	.04
DWIGHT STATE REFORM																								.01	.02	.03
EDELSTEIN																					.01	.03	.01			.05
EFFINGHAM CAA	//																								.01	.01
EVANSTON PUMP STA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
FAIRBURY WATER WORKS	//																						.01	.02	.02	.05
FARMER CITY																							.01	.02	.03	.06
FREEPORT SEWAGE PLANT											.01	.01	02							.01	.01	.02	.01	.01		.10
FULTON DAM 13																				.01	02	.02	.01	.01	.01	.08
GALATIA 1W																		.01	01				.01	.01	.03	.07
GLENDALE EXP FARM																	.02	.04	.02	.02	.01	.01	.01	.03	.06	.22
GOLCONDA DAM 51																	02	.01				.01	.01	.02	.03	.10
GREENFIELD																	.01	.04	.01	.04	.01				.01	.12
HOOPESTON																					*	*	*	*	*	*
HUDSON LK BLOOMINGTON																						.01	.01	.02	.02	.06
HUTSONVILLE	//																								.02	.02
ILLINOIS CITY DAM 16																					.01		.01			.02
JACKSONVILLE SEWAGE PL																		.01	.01	.02	.01	.01	.01	.01	.01	.09
JOLIET WB AIRPORT	6																				*	*	*	*	-	
KEWANEE BAKER PARK		-	-	-	-	-	-	-	-	-									.01	.02	.01	.01	.01	.01	.01	-
LOCKPORT LOCK AND DAM																									01	.01
LOCKPORT POWER HOUSE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE																		*	*	*	*	*	*	*	*	*
MASON CITY																			.01	.05		.01		.02	.03	.12
MC HENRY				.01			.03	.02	.02	.03	.04	.02	.04	.05	.02	.02	.03		.01	.03	.01	.01	.02	.02	.05	.48
MOLINE WB AIRPORT																		.01	.01	.02	.01	.02		.01	.03	.11
MORRISONVILLE																		.01	.01		.01		.01	.01	.02	.07
MT CARMEL WATER WORKS																			.02	.02		.01	*	*	*	*
MURPHYSBORO WATER WORKS	//																.02	.03	.01			.01	.03	.01	.01	.12
OREGON											.01	.01		.02	.01	.01	.02	.02	.01			.04	.01			.16
PEORIA LOCK AND DAM	//																			.02	.03		.02	.01		.08
PEORIA WB AIRPORT																					.01	.02	.03	.01	.01	.08
PIPER CITY		.02	.01		.02	.05	.05	.07	.07	.04	.01	.04	.02	.04	.01	.01		.01	.02	.02	.02	.01				.54
PITTSFIELD WATER WORKS			.01	.01		.01	.01	.01						.01			.01	.03	.02	.03	.02	.01			.01	.19
PRAIRIE DU ROCHER W WKS																.01	.02		.01	.01	.04	.01	.03	.10	.07	.30
PRINCETON 1 S	//																		*	*	*		*	*	*	*
PROPHETSTOWN																			.01	.02	.02		.03	.02	.01	.11
QUINCY CAA	6		*	*	*	*	*	.16													*	*	*	*	-	
QUINCY DAM 21																			.01	.01	.03	.01	.01	.01	.02	.10
RANTOUL CHANUTE AF BASE	//																								.02	.02
RICHVIEW																	*	*	*	*	*	*	*	*	*	*
ROCKFORD CAA	6														*	*	*	*	*	.03	*	*	*	*	-	
SKOKIE N S TREAT WKS																									.02	.02

Station		A.M. Hour ending											P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SPRINGFIELD WB AIRPORT	//																.01	.03	.04	.02	.02	.01	.01	.01	.01	.16
SPRINGFIELD WB CITY																		.01	.04	.02	.01	.01	.01	.01	.01	.12
STICKNEY W SIDE TREAT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULLIVAN WATER WORKS																								.01	.02	.03
VANDALIA			.02	.03	.05	.05	.02	.05	.03	.01	.02	.02	.05													.35
WASHINGTON		.03	.02	.02						.01	.03	.03	.02	.01			.01				.01	.01				.20
WEST FRANKFORT 8 E											.02	.03	.01	.02	.03	.01	.01	.01		.02	.02	.02	.01	.01	.01	.09
YATES CITY		.01																								.15
													—6th—													
ALEXIS WATER WORKS		.01	.01	.01	.01	.01	.01		.01	.04	.01		.02	.02	.01	.01	.01									.19
AUGUSTA				.02	.02																					.04
BEARDSTOWN LAGRANGE DAM	//	.01						.01	.04		.01	.03	.02	.01	.01	.01							.01	.01		.17
BELLEVILLE SCOTT AF BSE	//	.01	.03	.03	.01		.02	.02	.02	.02	.02	.01	.04	.02	.01	.01										.27
BELVIDERE SEWAGE PLANT		.01	.01				.01	.02	.02	.02	.01	.01	.03	.05	.01	.02	.01		.01	.01			.01	.02	.01	.29
BRADFORD CAA	6	.09	*	*	*	*	.02	*	*	*	*	*	*	.07	*	*	*	*	*	.08	*	*	*	*	*	-
CAIRO FB CITY		.10	.07	.07	.05	.02	.02	.02	.08	.07	.08	.06	.02				.01		.01							.68
CHICAGO UNIVERSITY		.01	.02	.01	.03	.02	.05	.08	.08	.05	.01	.01	.04	.05	.02	.06	.02		.01	.03	.02	.03	.02	.04	.01	.72
CHICAGO WB AIRPORT		.03	.03	.02	.02	.03	.02	.05	.07	.07	.04	.04	.03	.04	.02	.01	.02		.01	.02	.01	.01	.03	.03	.01	.66
CHICAGO WB CITY		.01	.02	.05	.02	.03	.06	.06	.08	.07	.07	.04	.05	.05	.01		.04	.01	.01	.03	.01	.01	.04	.03	.02	.82
CISNE BROWN CAMP		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.70	.70
COLLINSVILLE		.01	.04	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.03												.19
CRETE		.03	.02														.01	.01	.01	.03	.03	.02	.04	.02	.01	.23
DIONA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.85	.85
DOWNS 2 NE		.04	.02	.04			.03	.02	.16	.04				.02	.03							.01	.03	.01		.45
DWIGHT STATE REFORM		.01	.01	.03	.02	.01	.01	.02	.07	.03	.02	.01	.04	.01	.03	.01				.01	.02	.01	.01	.01	.02	.41
EDELSTEIN		.01		.01		.01				.01	.01	.01		.01	.01	.01						.01	.01			.11
EFFINGHAM CAA	//	.02	.02	.07	.08	.11	.09	.14	.13	.06	.05	.07	.06	.01	.01				.01	.01	.03	.02				.99
FAIRBURY WATER WORKS	//	.04	.02	.01	.02	.03	.04	.05	.09	.06	.07	.03			.01					.02	.01	.02	.02	.01	.01	.56
FARMER CITY		.02	.02	.02	.03	.08	.06	.07	.11	.07	.06	.04	.01	.05	.05											.69
FREEPORT SEWAGE PLANT										.02	.01	.01	.01	.02	.03		.02	.01		.01	.01		.01	.03	.01	.20
FULTON DAM 13		.01	.01							.01	.02	.03	.02	.02	.01	.04			.01							.18
GALATIA 1W		.01	.03	.03	.04	.06	.06	.02	.05	.03	.04	.04					.01	.02	.01	.01						.46
GLENDALE EXP FARM		.06	.04	.04	.08	.08	.08	.05	.05	.04	.06	.04	.03	.02	.01	.02	.03	.04	.04	.03	.02					.86
GOLCONDA DAM 51		.02	.04	.04	.08	.10	.12	.01	.08	.01	.02	.03	.01	.02		.01	.01	.01	.01	.01						.63
GREENFIELD		.01	.01	.01							.01		.01							.01						.06
HUDSON LK BLOOMINGTON		.01	.01	.02	.03	.03	.02	.03	.01	.03	.04	.01	.01						.01	.01	.02					.29
HUTSONVILLE	/	.03	.03	.03	.04	.03	.07	.03									.02	.04	.04	.05	.01	.02	.01	.01		.01	.47
ILLINOIS CITY DAM 16			.01	.01		.01	.01						.01	.01	.02	.02										.10
JACKSONVILLE SEWAGE PL		.01					.01			.01	.01		.01	.01												.06
JOLIET WB AIRPORT	6	.03	*	*	*	*	*	.26	*	*	*	*	*	.32	*	*	*	*	*	.05	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT																		.04	.06	.05	.05	.07	.08	.07	.07	.49
KEWANEE BAKER PARK									.01	.03	.04	.02	.02	.02	.01	.02		.01	.02							.20
LANARK												.02	.02	.02	.03											.09
LOCKPORT LOCK AND DAM		.02	.01	.02	.02	.02	.03	.04	.06	.05	.04	.02	.07	.02	.03	.05	.01				.02	.02	.02	.03	.01	.61
MASON CITY		.03							.02	.04	.02		.01													.12
MC HENRY				.02			.02					.01	.04		.04	.01	.01	.04	.03	.05	.07	.06	.05	.05	.05	.55
MOLINE WB AIRPORT		.01	.02							.02	.02	.02	.02	.02	.02	.02			.01	.01	.01					.20
MORRISONVILLE		.02	.01	.03	.02	.03	.01	.05	.04	.01	.01	.02	.01	.04	.01											.31
MURPHYSBORO WATER WORKS		.04	.05	.10	.07	.10	.13	.05	.05	.02	.04	.07	.03	.02		.01	.01									.79
OREGON													.01	.02	.01	.03	.04	.03	.05	.05	.04	.01	.02	.01		.32
PARIS SEWAGE PLANT			.02		.02	.03	.05	.05	.03	.03	.07	.05	.07			.01	.01	.01	.05	.05	.05	.04	.01		.01	.66
PEORIA LOCK AND DAM	//		.01	.01						.02	.03	.02	.03	.01	.03	.01										.17
PEORIA WB AIRPORT		.01	.01	.02	.01	.01			.01	.02	.02	.02	.01	.01	.01	.01							.01			.18
PIPER CITY														.01	.01	.01	.01					.01	.02	.02		.09
PITTSFIELD WATER WORKS		.01	.02								.03	.01		.02	.01	.02										.12
PRAIRIE DU ROCHER W WKS		.01	.04	.01	.01	.01	.01	.01	.01	.06	.03	.02	.02	.01	.07	.05	.02	.01	.01	.04	.04	.01	.02	.01		.53
PROPHETSTOWN											.01	.04	.01	.04	.01				.01							.12
QUINCY CAA	6	.06													*	*	*	*	*	.03						-
QUINCY DAM 21									.01	.03	.01	.02														.07
RANTOUL CHANUTE AF BASE		.01	.04	.03	.07	.07	.14	.10	.05	.02	.03	.05	.05	.01	.01	.03				.04	.01		.01	.01	.01	.79
RICHVIEW		*	*	*	*	*	*	*	*	*	*	*	*	*	.70											.70
ROCKFORD CAA	6	.03	*	*	*	*	*	.03	*	*	*	*	*	.02	*	*	*	*	*	.07	*	*	*	*	*	-
SKOKIE N S TREAT WKS		.02	.02	.02	.01	.02	.01	.03	.02	.05	.05	.09	.06	.01	.01	.03	.02	.02	.01	.02	.01	.02	.03	.02	.02	.62
SPRINGFIELD WB AIRPORT	//	.01	.01	.01	.01			.03	.02	.03	.03	.02	.03	.02	.02	.01	.01	.01				.01				.28
SPRINGFIELD WB CITY		.01	.02	.02	.02	.01		.01	.02	.02	.01	.01	.04	.02	.02	.02		.01	.01				.01			.28
SULLIVAN WATER WORKS	/	.02	.03	.04	.07	.10	.12	.13	.08	.05	.04	.04	.06	.04			.01	.01	.02	.01		.03	.01	.01		.92
URBANA EXP FARM		.02	.02	.04	.07	.06	.03	.06	.11	.08	.07	.03	.16		.01					.02	.02	.02	.02	.01	01	.86
WASHINGTON		.01	.02	.02																						.05
WATERMAN	//			.02	.01	.01	01		.02	.03	.04	.01	.03	.03	.03	.01					.01	.02	.02	.04	.01	.35
WENONA			.02	.02	.01		01	.01	.01	.05	.05		.01	.01	.03	.02	.01	.01								.27
WEST FRANKFORT 8 E		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
													—7th—													
ALEXIS WATER WORKS			.01	.01	.01	.01									.01	.01	.02	.01								.09
BELLEVILLE SCOTT AF BSE	/	.01	.01	.01	.01																					.04
BELVIDERE SEWAGE PLANT		.01	.01				.03	.01					.01	.03	.01	.01		.02	.02	.03	.03	.05	.01	.02	.02	.32
BRADFORD CAA	6	.01	*	*	*	*	*	.04													*	*	*	*	*	-
CHICAGO UNIVERSITY					.01	.01	.01		.02	.01					.01						.02	.02	.02	.03	.02	.18
CHICAGO WB AIRPORT		.01		.01					.02	.01			.02	.02	.01		.01	.01	.02	.09	.07	.06	.08	.07	.03	.54
CHICAGO WB CITY							.01			.01	.01			.01			.01			.01	.05	.05	.05	.05	.05	.31
COLLINSVILLE		.02	.03																							.05
CRETE		.01	.01								.01	.01		.02	.02	.01	.01	.02	.02	.04	.06	.07	.07	.06	.05	.49
DOWNS 2 NE														.02	.02				.01	.01						.06
DWIGHT STATE REFORM		.01	.01	.01													.01	.02	.01							.07
EDELSTEIN						.02			.01										.01	.01						.05
FAIRBURY WATER WORKS	//															.02	.02	.01	.01							.06
FREEPORT SEWAGE PLANT														.02	.01	.01	.01	.01	.02	.01	.01					.10
FULTON DAM 13																					.01	.02	.01	.01		.05
GALATIA 1W				.01	.02					.01	.01	.01	.02													.08
HUDSON LK BLOOMINGTON																	.01	.01	.01							.03
HUTSONVILLE	/	.01					.02						.01													.04
ILLINOIS CITY DAM 16								.01	.03	.01																.05
JOLIET WB AIRPORT	6	.04	*	*	*	*	*	.06	*	*	*	*	*	.01	*	*	*	*	*	.04	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT		.01														.01	.01	.01			.01	.01	.01	.01	.03	.11
KEWANEE BAKER PARK										.03	.01															.04
LANARK			.02	.01				.01		.01					.01	.01	.02	.01		.03			.01	.01		.15
LOCKPORT LOCK AND DAM		.01		.01	.01																					.03
MURPHYSBORO																		.04	.02	.03	.01	.01	.02			.13
MASON CITY			.02	.03														.03	.01							.09
MC HENRY		.06	.06	.01	.01	.5			.02																	.24
MOLINE WB AIRPORT			.01							.01	.01				.01											.04
MT CARMEL WATER WORKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90									.95
OREGON		.01	.04	.01	.02																					.11
PARIS SEWAGE PLANT		.03	.01								.01			.01	.03											.09
PEORIA LOCK AND DAM									.02	.02	.01						.02	.03	.02	.02	.01					.15
PEORIA WB AIRPORT				.01											.01	.01	.01	.01	.01	.01	.02					.10
PITTSFIELD WATER WORKS										.01	.01	.01		.01												.04
QUINCY CAA	6														*	*	*	*	*	.01						-
RANTOUL CHANUTE AF BASE		.01	.01																			.01	.03	.01	.01	.08
ROCKFORD CAA	6	.10	*	*	*	*	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.04	*	*	*	*	*	-
SKOKIE N S TREAT WKS		.01	.01	.01								.02	.01							.01	.03	.03	.02	.02	.01	.18
SPRINGFIELD WB AIRPORT																			.01	.01	.01	.01				.04
SPRINGFIELD WB CITY																			.01	.01	.01	.01	.01			.05

Station		A.M. Hour ending												P.M. Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
URBANA EXP FARM		.02																								.02
WASHINGTON									06	.01	.01			.01				.01	.02	.02			.01	.01	.01	.17
WATERMAN	//		.01	.03	.01								.02	.01	.03	.03	.03	.01	.03	.07	.07	.08	.05	.02	.02	.52
WENONA															.01		.01	.01	.01							.04
—8th—																										
BELVIDERE SEWAGE PLANT		.03	.04	.04	.02																					.13
BRADFORD CAA	6	.01																								-
CHICAGO UNIVERSITY			.01		.03	.02	.01	.02	.02																	.11
CHICAGO WB AIRPORT		.02	.03	.03	.06	.04	.02																			.20
CHICAGO WB CITY			.02	.01	.03	.04	.03	.01																		.14
COULTERVILLE															.04	.03	.02									.09
CRETE		.01	.02	.01	.01																					.05
DWIGHT STATE REFORM																		.01	.01							.02
FULTON DAM 13			.01	.01	.01																					.03
GALATIA 1W											.02	.05	.06	.01	.01											.15
HOOPESTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.85	.85
JOLIET WB AIRPORT	6	.32	*	*	*	*	*	.03																		-
KANKAKEE SEWAGE PLANT			.01		.01																					.02
LANARK			.01	.02																						.03
LOUISVILLE		*	*	*	*	*	*	*	*	*	*	*	*	1.07												1.07
MARIETTA		.01	.01						.01	03	.01	.01	.03	.01												.12
PROPHETSTOWN		.01	.01	.01																						.03
RANTOUL CHANUTE AF BASE	//	.04	.01	.03							02	01														.11
ROCKFORD CAA	6	.06	*	*	*	*	*	.03							*	*	*	*	*	*	.01					-
SKOKIE N S TREAT WKS			.02	.03	.01	.01	.01	.01								.02										.11
WASHINGTON		.01	.01																							.02
WATERMAN	//	.01		.02	.02	.07	.02							.01	.01	.01										.17
WEST FRANKFORT 8 E		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	66	.66
YATES CITY																.01		.01	.02	.02	.01					.07
—9th—																										
BELVIDERE SEWAGE PLANT						.01			.01	01																.03
CARPENTER 1 SW													.03	.02												.05
CHICAGO UNIVERSITY															.01	.01	.01	.01								.04
CHICAGO WB AIRPORT														.01	.01	.02	.02	.01								.07
CHICAGO WB CITY															.01	.01	.01	.01	.01							.05
FARMER CITY																		.01	.01	.01						.03
HUDSON LK BLOOMINGTON															.01	.01	.01	.01	.01	.01	.01	.01				.08
HUTSONVILLE	//															.01	.04	.01								.06
JOLIET WB AIRPORT															*	*	*	*	.03							-
LOCKPORT LOCK AND DAM															.02		.01									.03
MARIETTA			.01	.02	.02																					.05
MORRISONVILLE																	.01									.01
PEORIA LOCK AND DAM	//																.02									.02
PEORIA WB AIRPORT																	.01	.01								.02
PRINCETON 1 S	//	*	*	*	*	*	*	*	*	*	*	*	*	.25												.25
SPRINGFIELD WB AIRPORT	//																					.01				.01
SPRINGFIELD WB CITY																						.01				.01
SULLIVAN WATER WORKS	//																	.02	.02							.04
—10th—																										
CAIRO WB CITY													.01													.01
HUDSON LK BLOOMINGTON							.01	01																		.02
KANKAKEE SEWAGE PLANT							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARIETTA																					.02	.01	.02			.05
PARIS SEWAGE PLANT																			.01	.02	.01					.04
RICHVIEW											.01	.02	.02													.05
WEST FRANKFORT 8 E									.01																	.01
—11th—																										
ALEXIS WATER WORKS						.02	.02	.01	.01	.02	.01				.01	.01										.11
AUGUSTA							.03	.03	.01	.03						.01	.01									.12
BEARDSTOWN LAGRANGE DAM	//							.05	.05																	.10
BELLEVILLE SCOTT AF BSE	//									.01	.02															.03
BELVIDERE SEWAGE PLANT									.01		.01	.01	.01													.04
BRADFORD CAA	6								*	*	*	*	*	.02	*	*	*	*	*	.02	*	*	*	*	*	-
CAIRO WB CITY											.01	.01	.03													.05
CHICAGO WB AIRPORT															.01		.01									.02
CHICAGO WB CITY																	.01									.01
CISNE BROWN CAMP								.01		.01		.01	.01	.01	.01			.01	.01	.01	.01	.01				.11
COULTERVILLE										.03	.03	.03														.09
CRETE						.03	.01	.01																		.05
DIONA																.01	.01	.01	.03	.02	.01					.09
DOWNS 2 NE									.02	.01	.01		.01	.01	.02	.01	.01									.10
DWIGHT STATE REFORM															.01	.01	.01									.03
EDELSTEIN														.01	.01	.01	.01			-	-	-	-	-		-
EFFINGHAM CAA	//												*	*	*	*	*	*	*	*	*	*	*	*	*	*
FAIRBURY WATER WORKS	//									.04	.02	.01	.01													.08
FARMER CITY											.02	.02	.01	.01		.01	.01	.01								.09
FREEPORT SEWAGE PLANT										.01				.01		.01										.03
FULTON DAM 13		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.04	.04
GALATIA 1W												.01	.02	.01	.01						.01	.01	.02			.09
GLENDALE EXP FARM												.01	.02	.01			.01									.05
GOLCONDA DAM 51											.02	.01	.01	.01												.05
GREENFIELD									.02	.02	.01															.05
HOOPESTON									.01	.01				.01												.03
HUDSON LK BLOOMINGTON					.01	.01																				.02
HUTSONVILLE	//												.01	.01	.02	.01	.01	.01								.07
ILLINOIS CITY DAM 16					.04	.02	.01	.01		.01	.01					.01	.01	.01								.13
JACKSONVILLE SEWAGE PL										.02	.02	.01							.02	.01	.01					.09
JOLIET WB AIRPORT									*	*	*	*	*	.01	*	*	*	*	*	.02	*	*	*	*	*	-
KEWANEE BAKER PARK													.01	.01	.02	.03	.02	.01								.10
LOUISVILLE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MARIETTA						.01	.02																			.03
MAROA											.01	.02			.02	.02	.01									.08
MASON CITY			.01	.02	.01	.03	.01	.01		.01	.02	.01			.02	.01	.01	.01	.01							.18
MOLINE WB AIRPORT					.01	.01	.01				.01	.01			.01	.01	.01			.01						.09
MORRISONVILLE											.02	.01		.01		.02	.01									.09
MT CARMEL WATER WORKS										.01	.01	.01	.01	.03			.01	.01	.01	.01	.01					.12
MURPHYSBORO WATER WORKS									.02	.03	.02	.01	.01													.09
PARIS SEWAGE PLANT																		.02	.01							.03
PEORIA LOCK AND DAM	//						.03	.01						.01	.01			.01		.01						.08
PEORIA WB AIRPORT							.01	.01	.01	.02						.02	.01					.01		.01		.10
PITTSFIELD WATER WORKS										.03	.01	.01														.05
PRAIRIE DU ROCHER W WKS							*	*	*	*	*	*	.08													.08
PRINCETON 1 S	//																					*	*	*	*	*
PROPHETSTOWN											.02	.01		.01	.01	.02	.01									.08
QUINCY CAA	6		*	*	*	*	*	.06	*	*	*	*	*	.05												-
QUINCY DAM 21								.01	.02	.01	.01															.05
RANTOUL CHANUTE AF BASE									.01	.01	.01	.01														.04
RICHVIEW											.01		.01													.02
ROCKFORD CAA	6		*	*	*	*	*	.03	*	*	*	*	*	.01	*	*	*	*	*	.01	*	*	*	*	*	-
SPRINGFIELD WB AIRPORT	//						.03			.02	.02	.02	.01	.01	.01	.01	.01	.01	.01							.16

See reference notes following Station Index

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SPRINGFIELD WB CITY						.01	.02		.01	.02	.01	.01				.02	.01	.01	.01	.01						.14
SULLIVAN WATER WORKS										.02	01	.01	.01	.01	.01		.01	.01	.03							.12
VANDALIA												.01	.02	.01				.01						.01		.06
WASHINGTON											.01				.01	.01	.01					.02				.06
WENONA									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WEST FRANKFORT 8 E												.01	.01	.01	.01	.01										.05
YATES CITY			.01		.01	.02	.02	.01	.01						.01	.02			.01	.01		.01		.01		.15
–12th–																										
BRADFORD CAA	6	.03	*	*	*	*	*	.02	*	*	*	*	*	.01												-
CISNE BROWN CAMP				.01	.01	.01		.01																		.04
DIONA											.01	.01	.01													.03
EFFINGHAM CAA	//	*	*	*	*	*	*	*	*	*	*	*	.12													.12
FARMER CITY										.01																.01
FULTON DAM 13										.05																.05
GREENFIELD									.01		.03															.04
ILLINOIS CITY DAM 16			.01		.01			.01																		.03
JOLIET WB AIRPORT	6	.01																								-
LOUISVILLE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.25	.25
PARIS SEWAGE PLANT							.01	.01	.01																	.03
PEORIA LOCK AND DAM	//	.02	.01	.01		.01																				.05
PRINCETON 1 S	//	*	*	*	*	*	.17																			.17
ROCKFORD CAA	6	.02	*	*	*	*	*	.02																		-
SPRINGFIELD WB AIRPORT	//												01													.01
SULLIVAN WATER WORKS	//										.03															.03
URBANA EXP FARM											.01	.01		.01	.01											.04
VANDALIA		.01		.01																						.02
WATERMAN	//											.02	.02		.01											.05
WEST FRANKFORT 8 E												.01														.01
–13th–																										
CHICAGO UNIVERSITY						.01	.01	.01																		.03
CHICAGO WB AIRPORT						.01	.01																			.02
CHICAGO WB CITY								.01																		.01
–14th–																										
ALEXIS WATER WORKS						.01	.01																			.02
BELVIDERE SEWAGE PLANT																				.02	.02	.03	.01		.01	.09
BRADFORD CAA	6		*	*	*	*	*	02																		-
CHICAGO UNIVERSITY																					.02	.01	.01	.01	.01	.06
CHICAGO WB AIRPORT																				.01	.06	.01	.02	.03	.01	.14
CHICAGO WB CITY																					.03	.01	.01	.01		.06
CRETE																					.02		.01	.02		.05
FREEPORT SEWAGE PLANT																			.03	.01	.03	.01				.08
HOOPESTON				01			.01	.03																		.05
HUDSON LK BLOOMINGTON		01	.01																				.01	.01		.04
ILLINOIS CITY DAM 16				.02														.01								.03
JOLIET WB AIRPORT	6																				*	*	*	*	*	-
LANARK													02	.03	.01	.02	.02									.10
MOLINE WB AIRPORT				01																				.01		.02
PEORIA LOCK AND DAM	//	.01	.01		.01	.01	.01																.03			.08
PEORIA WB AIRPORT				01		.01																	.01	.01		.04
RANTOUL CHANUTE AF BASE																								.01	.01	.02
ROCKFORD CAA	6														*	*	*	*	*	.04	*	*	*	*	*	-
SKOKIE N S TREAT WKS																						.01	.03	.02	.01	.07
URBANA EXP FARM																							.01			.01
WASHINGTON			.01	.02																						.03
WATERMAN	//																			.01	.01	.02	.01			.05
WENONA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.10	.10
–15th–																										
BELVIDERE SEWAGE PLANT		02	.01																							.03
CHICAGO UNIVERSITY				.01	.01	.01	.02																			.05
CHICAGO WB AIRPORT				.01	.01	.01	.02																			.05
CHICAGO WB CITY			.01	.01	.01	.01	.02																			.06
CRETE			.02	.01	.01	.01																				.05
JOLIET WB AIRPORT	6	.03	*	*	*	*	*	.02																		-
LOCKPORT LOCK AND DAM				02	.02																					.04
PRINCETON 1 S	//																		.01		.01	.02				.04
ROCKFORD CAA	6	.06	*	*	*	*	*	.02																		-
WATERMAN	//		.01	.03	.01																					.05
–16th–																										
BELVIDERE SEWAGE PLANT														-	-	-	-	-	-	-	-	-	-	-	-	-
KEWANEE BAKER PARK														-	-	-	-	-	-	-	-	-	-	-	-	-
–19th–																										
ALEXIS WATER WORKS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.10	.10
BELLEVILLE SCOTT AF BSE	//						.01																			.01
BRADFORD CAA	6		*	*	*	*	*	.01	*	*	*	*	*	.04	*	*	*	*	*	.01						-
CHICAGO UNIVERSITY												.01	.01	.01												.03
CHICAGO WB AIRPORT										.01	.02	.02	.02	.01	.01	.01										.10
CHICAGO WB CITY												.02	.02	.01	.01											.06
CRETE								.03	.01																	.04
DIONA													.01	.01	.03											.05
DOWNS 2 NE							*	*	*	*	*	*	*	*	.10											.10
DWIGHT STATE REFORM									.01	.02	.01	.01	.03	.01	.02	.01	.01									.13
EFFINGHAM CAA	//												.02	.01												.03
FAIRBURY WATER WORKS	//							.02							.04	.02	.02									.10
FARMER CITY													.02	.03	.03	.02	.01									.11
FREEPORT SEWAGE PLANT								.02	.02	.04	.02															.10
FULTON DAM 13									.02	.01	.01	.01	.01	.01	.01											.08
HOOPESTON															.02	.02	.01	.02	.01							.08
HUDSON LK BLOOMINGTON													.01	.02	.01											.04
JEFFERSONVILLE									.05	.03	.01															.09
ILLINOIS CITY DAM 16		*	*	*	*	*	*	*	*	*	*	*	.06													.06
JOLIET WB AIRPORT	6								*	*	*	*	*	.04												-
KANKAKEE SEWAGE PLANT					-	-	-		-																	-
LANARK									03	.01	.01	.01														.06
LOCKPORT LOCK AND DAM										.01	.02	.01	.02	.03	.01											.10
MARCA																				.01	.02					.03
MC HENRY														.01	.02	.02				.01	.01					.07
MOLINE WB AIRPORT					01			.01	.01	.01	.01															.05
OREGON							.01	.03	.02	.02	01	.02	.02	.01												.14
PARIS SEWAGE PLANT																.02	.01	.02	.01							.06
PEORIA LOCK AND DAM	//										.02	.02	.01	.02	.01											.08
PEORIA WB AIRPORT										.01	.01	.01	.01		.01											.05
PRINCETON 1 S	//									.01	03	.01	.02	.02												.09
PROPHETSTOWN											.01	.03	.01	.01		.01	.01									.08
RANTOUL CHANUTE AF BASE															.02	.03	.01	.01	.01							.08

See reference notes following Station Index

Station		A.M. Hour ending												P.M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SKOKIE N S TREAT WKS														.01	.01	.01										.03
SPRINGFIELD WB CITY										01																.01
SULLIVAN WATER WORKS	//											.02	.01	.01	.01											.05
URBANA EXP FARM															.02	.02	.01		.02							.07
WASHINGTON													.02	.04												.06
WATERMAN									.01	.02	.02	.03	01	.01												.10
WENONA											.01	.06	.02	.01												10
YATES CITY				.01			.01				.01	.02														.05
—20th—																										
MORRISONVILLE										06	01	.01														.08
NEWTON		-	-	-	-	-		-	-	-		-	-	-	-											-
RANTOUL CHANUTE AF BASE																								.01	.04	05
WASHINGTON		.01	.01	.02																						.04
—21st—																										
CHICAGO WB AIRPORT																						.01				.01
CHICAGO WB CITY																						.01	.01			.02
ROCKFORD CAA	6																				*	*	*	*	*	-
SKOKIE N S TREAT WKS																				01	.01					.02
—22d—																										
ROCKFORD CAA	6	.02																								-
—24th—																										
BELVIDERE SEWAGE PLANT		-		-			-		-																	-
HOOPESTON																									.01	.01
RANTOUL CHANUTE AF BASE	//																						.02	.01		.03
—25th—																										
BELVIDERE SEWAGE PLANT											.03	.02	.04	.03	.04	.02	.02	.03	.02	.01	.03	.02	.05	.05	.04	.45
BRADFORD CAA	6								*	*	*	*	*	.07												-
CHICAGO UNIVERSITY												.01	.01	.05	.06	.06	.03	.04	.02	.03	.01	04	.05	.03	.03	.47
CHICAGO WB AIRPORT												01	.03	.04	.04	.06	.05	.02	.06	.01	.01	.04	.05	.04	04	.50
CHICAGO WB CITY												.01	.01	.04	.05	.06	.03	.04	.03	.02	.04	.03	.04	.06	.06	.52
CRETE													.02	.04	.06	.02	.02	.01		.01	.01	.02	.01			.22
DOWNS 2 NE		.01	.02	.01	.01					.01	.01															.07
DWIGHT STATE REFORM											.01	.02	.03	.02												.08
FAIRBURY WATER WORKS	//									.02	02	.04	.04	.01	.01	.01										.15
FREEPORT SEWAGE PLANT									.01	.02	03	.04	.04	.02	.01	.01	.01	.01			.03	.02	.03	.04	.03	.35
FULTON DAM 13										.03	.03	02	.02									.02	.02	.01	.03	.18
HOOPESTON			.01									.01	.04	.03												.09
HUDSON LK BLOOMINGTON									.01	.02	.01															.04
ILLINOIS CITY DAM 16																									.01	.01
JOLIET WB AIRPORT	6								*	*	*	*	*	.07	*	*	*	*	*	.15	*	*	*	*	*	-
KANKAKEE SEWAGE PLANT														.04	.02	.03	.03		.01	.01	.01					.15
LANARK										.02	.03	.04	.03	.02							.03	.03	.05	.08	.03	.36
LOCKPORT LOCK AND DAM											.02	.05	.07	.04	.02				.01	.01		.01	.02		.01	.26
MC HENRY											.01	.03	03	.05	.04	.04	.04	.02	.04	.01	.03	.01	.05	.05	.06	.51
MOLINE WB AIRPORT											.02	.01	.01								.01					.05
OREGON									.02	.03	.03	.02	.03	.02								.02	.01	.02	.01	.21
PIPER CITY								01	.04	.03	.02															.10
PRINCETON 1 S	//									.05	.04	.04	.04	.01	.01											.19
PROPHETSTOWN										.05	.03	02	.04		.01											.15
ROCKFORD CAA	6								*	*	*	*	*	.10	*	*	*	*	*	.16	*	*	*	*	*	-
SKOKIE N S TREAT WKS														03	.02	.04	.05	.02	.04	.02	.03	.04	.01	.02	.02	.34
WATERMAN	//										.03	04	06	.06	.03	03					.02	.07	.06	.04	04	.48
WENONA										.01	.04	.05	07													.17
—26th—																										
BELLEVILLE SCOTT AF BSE	//								.01	.01																.02
BELVIDERE SEWAGE PLANT		.01	.06																							.07
BRADFORD CAA	6		*	*	*	*	*	.02																		-
CHICAGO UNIVERSITY		.02	.04	.01	.01	.01	.01	.01		01		.06	.02	.01												.21
CHICAGO WB AIRPORT		.02	.05	.03	.02	.01	.01	.02	.02	.02	.02	.02	.01													.25
CHICAGO WB CITY		.04	.03	.02	.01	.02	.02	.01			.03	.05	.02													.25
COLLINSVILLE		.01	.01																							.02
CRETE		.02	.03	.01	.01																					.07
FREEPORT SEWAGE PLANT		.03	.02																							.05
FULTON DAM 13		.01	.01	.02	.01																					.05
JOLIET WB AIRPORT	6	.06	*	*	*	*	*	.03	*	*	*	*	*	.02												-
KANKAKEE SEWAGE PLANT														.01	.02	.01										.04
LOCKPORT LOCK AND DAM		.03	.02																							.05
MC HENRY		.04	.04	.04																						.12
MOLINE WB AIRPORT					.01																					.01
OREGON		.02	.01																							.03
ROCKFORD CAA	6	.10	*	*	*	*	*	.14																		-
SKOKIE N S TREAT WKS		.01	.02	.02	.01																					.06
WATERMAN	//	.04	.02	.01																						.07
—27th—																										
EDELSTEIN		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
—31st—																										
CAMP ELLIS		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO CAL TREAT WKS		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LAKEVIEW PUMP		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO LOYOLA UNIV		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO MAYFAIR PUMP ST		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO N BRA PUMP STA		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO ROSELAND PUMP		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST DISPAT		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SAN DIST OFF		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO S FILTER PL		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO SPRINGFLD PUMP		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DANVILLE HOSPITAL		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EVANSTON PUMP STA		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEWANEE BAKER PARK		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCKPORT POWER HOUSE		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STICKNEY W SIDE TREAT		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

DAILY TEMPERATURES

ILLINOIS
DECEMBER 1950

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEDO	MAX	37	45	33	35	37	33	14	30	26	25	25	31	28	34	30	16	11	18	24	20	36	38	45	43	18	18	20	32	30	33	39	29.2
	MIN	23	32	16	13	28	10	3	13	14	13	13	20	16	22	10	3	-7	-7	6	-2	12	23	21	16	11	8	-8	9	9	6	20	11.8
ALTON DAM 26	MAX	52	67		38	35	30	20	37	38	30	28	31	40	47	33	33	24	20	36	30	36	48	58	46	40	27	28	37	36	40	44	37.0
	MIN	30	36	26	17	24	8	3	16	12	20	21	25	26	24	16	12	5	3	13	18	20	28	30	28	24	8	3	10	16	13	20	17.9
ANNA INW	MAX	57	69	67	42	38	33	16	29	38	33	26	32	41	49	42	34	28	26	36	34	36	54	59	54	54	54	29	38	48	39	46	41.3
	MIN	33	55	30	22	31	13	7	8	8	22	20	24	28	30	27	16	16	6	13	22	19	33	33	35	28	21	9	10	24	21	21	22.1
ANTIOCH	MAX	34	42	36	29	32	34	34	24	24	21	23	26	26	20	26	15	11	15	19	23	28	32	35	37	13	20	8	24	26	21	31	25.5
	MIN	10	33	23	12	21	31	8	9	16	13	4	16	14	1	10	-1	-3	-5	-2	2	7	20	15	12	0	-2	-15	0	11	3	9	8.8
AURORA COLLEGE	MAX	33	47	34	30	34	34	28	20	25	23	25	24	26	28	23	14	16	15	17	18	30	33	38	35	19	20	15	25	28	28	32	26.4
	MIN	13	32	20	10	25	25	9	10	13	11	-1	15	15	3	14	-5	-6	-7	-4	-6	0	24	24	14	1	4	-24	-9	0	1	14	7.6
BELLEVILLE SCOTT AF	MAX	59	69		39	35	35	20	30	38	28	28	31	35	44	34	29	23	21	36	28	36	48	60	48		43	24	35	38	36	45	37.1
	MIN	31	39	28	22	30	9	5	10	10	22	22	23	28	25	17	16	10	7	12	22	24	29	28	30	28	12	4	7	23	18	23	19.8
BLOOMINGTON NORMAL	MAX	36	65	62	34	35	34	24	26	30	25	25	26	24	31	30	18	13	16	20	23	31	34	40	39	23	20	17	30	28	22	34	29.5
	MIN	26	36	20	16	29	24	5	9	12	17	10	18	18	20	10	4	-2	-6	5	8		24		23	12	12	-4	9	14	10	21	13.8
CAIRO WB CITY	MAX	65	72	54	42	40	35	18	32	39	33	29	34	39	48	40	35	31	27	37	31	40	53	58	51	56	53	29	38	45	38	45	41.5
	MIN	38	54	34	29	35	15	12	17	19	25	24	29	32	32	27	24	19	13	20	24	24	35	35	36	34	20	15	17	28	27	25	26.4
CARBONDALE SEWAGE PL	MAX	52	70	67	41	40	33	17	29	40	38	27	32	41	46	42	34	30	25	36	35	37	52	60	52	53	53	28	39	47	39	45	41.3
	MIN	42	50	32	22	32	14	8	7	4	22	22	25	29	28	27	19	17	9	12	23	19	35	25	37	27	21	10	8	20	21	18	22.1
CARLINVILLE 4E	MAX	40	68	54	39	36	31	17	32	36	28	27	28	30	40	34	26	20	15	30	25	34	40	52	47	38	30	25	35	31	34	43	34.4
	MIN	29	36	24	15	29	9	2	13	11	18	19	23	24	23	15	4	-1	-5	1	10	16	25	21	26	21	15	-1	2	17	10	20	15.2
CHARLESTON	MAX	39	67	55	32	35	35	19	26	36	26	25	29	29	32	31	25	18	19	23	23	30	38	46	43	26	26	26	34	35	28	37	32.0
	MIN	29	37	26	22	29	18	6	10	7	15	10	18	19	16	15	6	-2	-3	-1	9	8	24	20	21	17	12	-1	-4	20	18	15	14.1
CHICAGO UNIVERSITY	MAX	37	53	37	31	34	36	37	25	26	26	23	29	27	27	29	17	20	21	18	26	33	36	41	41	21	21	12	24	30	25	32	28.9
	MIN	21	37	22	17	29	32	10	16	18	16	15	21	14	14	15	8	6	8	9	15	15	21	21	12	8	6	-2	7	18	17	16	15.5
CHICAGO WB AIRPORT	MAX	36	50	36	33	33	36	36	25	25	23	23	27	27	26	28	15	15	18	18	25	33	35	40	39	20	20	14	25	29	24	32	27.9
	MIN	16	36	20	14	27	31	9	15	16	9	7	19	11	10	10	3	0	0	2	9	11	17	17	10	6	-3	-10	1	11	11	13	11.2
CHICAGO WB CITY	MAX	37	52	38	32	34	37	38	27	27	26	24	30	28	28	30	18	19	21	21	27	35	35	42	41	21	22	14	25	32	26	34	29.7
	MIN	21	36	23	18	29	32	11	16	20	18	17	22	16	16	17	9	7	10	12	17	17	26	24	14	9	8	2	10	21	19	23	17.4
CICERO	MAX	35	50	46	35	34	35	36	25	25	27	24	31	30	27	28	19	19	22	18	28	29	33	42	40	27	20	15	26	31	27	32	29.5
	MIN	16	35	24	14	28	32	9	10	17	15	8	18	17	10	14	3	0	2	4	10	12	25	18	15	5	4	-7	1	11	12	13	12.8
DANVILLE	MAX	37	66	58	35	35	36	30	25	33	25	25	33	30	33	30	23	21	21	21	25	29	36	44	40	20	20	22	31	35	25	37	31.6
	MIN	25	36	26	18	28	29	8	12	12	14	5	16	14	16	12	4	-1	-4	-3	7	1	22	18	18	12	6	-4	-2	19	15	13	12.6
DECATUR	MAX	39	66	46	38	37	33	13	29	32	25	24	28	27	35	28	21	12	15	25	22	33	35	44	42	25	22	22	32	27	28	38	30.4
	MIN	30	38	22	18	30	13	5	12	14	18	14	20	21	22	14	9	-1	-3	5	9	15	25	22	21	17	8	0	8	18	12	20	15.4
DIXON	MAX	32	39	34	31	34	33	33	26	25	26	24	29	27	27	29	17	17	18	21	21	33	34	40	38	19	15	14	30	26	25	34	27.5
	MIN	14	31	19	10	25	29	7	9	15	10	8	14	15	11	11	-1	-10	-10	1	-4	4	23	18	17	5	1	-21	5	8	-1	7	8.7
DU QUOIN	MAX	50	69	68	39	40	34	15	29	40	35	27	30	40	43	41	31	29	24	35	35	35	40	60	59	49	52	27	42	44	46	45	40.4
	MIN	33	50	31	22	34	13	6	10	11	21	21	25	28	30	25	18	15	7	13	25	20	20	31	28	29	23	9	10	20	25	20	21.7
EAST ST LOUIS	MAX		73	55	40	37	33	17	34	43	33	31	33	36	45	39	30	28	22	37	28	39	50	63	53	45	45	26	39	40	35	46	39.2
	MIN		41	27	24	31	10	5	14	12	22	23	28	31	27	22	18	11	7	10	25	23	35	32	35	28	21	6	10	23	18	23	21.4
EFFINGHAM CAA	MAX	50	67	39	39	34	32	16	27	34	24	24	29	29	34	32	22	17	19	24	26	34	40	46	43	30	25	22	34	36	31	38	32.2
	MIN	29	38	25	20	30	8	5	8	2	14	14	18	15	21	2	2	-3	-4	-2	6	13	19	20	20	19	5	1	4	20	15	17	12.9
ELIZABETHTOWN	MAX	60	71	66	43	39	37	20	36	42	29	26	31	41	50	42	36	30	28	33	33	36	54	60	51	53	52	31	40	49	42	47	42.2
	MIN	32	60	35	22	32	20	11	15	15	23	15	24	29	30	26	15	16	6	13	16	18	34	29	37	27	24	9	10	27	23	18	22.9
FAIRFIELD	MAX	46	70	70	39	39	38	30	29	38	31	27	30	39	44	41	29	27	21	32	32	34	43	58	54	36	55	25	39	47	49	42	39.8
	MIN	23	40	32	22	32	25	6	12	4	20	10	22	27	23	23	12	8	5	6	11	14	32	24	24	20	23	6	5	24	19	15	18.4
FLORA	MAX	43		69	56	42	36	37		37	36	28	29	34		38	38	33	33	33	30	35	41	53	48	37	40	37	35	41	37	40	39.1
	MIN	25		30	21	31	15	7	11	11	12	17	20	23	22	15	12	4	1	4	7	15	29	24	30	24	21	5	7	25	18	17	16.8
FREEPORT	MAX	32	36	35	28	34	35	33	25	25	22	22	28	26	24	28	14	10	15	20	19	30	33	40	38	12	11	8	26	24	23	34	25.5
	MIN	10	32	19	8	15	29	9	9	14	11	7		6	3	4	-4	-11	-15	-5	-11	1	21	19	10	1	-15	-29	3	2	-7	5	4.7
FULTON DAM 13	MAX	33	37	35	29	34	33	33	27	27	25	23	29	26	29	30	19	16	17	20	20	32	37	40	39	16	13	14	30	29	24	34	27.4
	MIN	16	32	19	13	26	27	8	12	17	17	15	18	20	19	11	3	-2	-3	4	-5	8	25	16	15	6	3	-20	-2	15	2	8	11.1
GALESBURG	MAX	39	42	32	34	36	26	18	26	29	25	24	30	30	31	32	12	15	16	23	21	38	34	41		19	15	19	33	23	33	38	27.8
	MIN	26	29	18	15	26	9	5	12	17	18	18	19	22	23	11	3	-4	-7	5	5	18	24		15	12	2	-4	10	11	10	25	13.1
GALVA	MAX	35	51	39	33	35	30	11	28	28	27	28	30	28	30	31	12	16	19	23	23	36	38	42	38	22	22	21	33	28	32	35	29.2
	MIN	22	32	16	11	26	11	4	11	12	14	15	17	18	20	8	2	-4	-7	3	3	8	19	16	22	9	4	-9	4	12	6	18	11.1
GOLCONDA DAM 51	MAX	62	71	58	42	38	36	18	32	40	30	24	31	40	50	42	36	28	22	32	31	37	54	62	48	52	48	26	36	48	36	42	40.4
	MIN	32	55	27	22	32	12	10	12	20	16	15	24	28	28	21	16	12	6	18	20	20	29	28	28	28	18	11	12	28	24	18	21.6
GREENVILLE	MAX	45	67	56	38	36	32	14	33	35	28	27	30	33	40	33	27	24	20	32	26	33	45	54	44	36	31	25	38	37	36	44	35.5
	MIN	31	45	26	21	32	11	3	11	10	19	20	24	26	23	18	12	3	0	6	19	22	29	25	32	24	16	3	8	21	14	20	18.5
GRIGGSVILLE	MAX	67	40	42	37	35	32	14	30	32	27	29	30	29	38	34	24	21	14	29	25	38	40	51	47	36	34	24	36	30	35	40	33.5
	MIN	36	27	16	17	27	4	-2	10	13	17	16	21	20	15	12	11	-4	-6	6	14	18	22	24	21	19	14	-3	11	12	9	20	14.1
HARRISBURG	MAX	50	74	66	42	39	33	18	32	41	30	29	32	42	47	41	33	28	25	35	35	40	54	61	50	47	51	27	39	49	37	48	41.1
	MIN	28	48	36	24	33	14	9	12	7	21	16	25	29	35	21	18	14	7	10	16	19	26	25	31	26	21	10	7	21	22	15	20.8
HAVANA	MAX	39	55	34	36	38	32	14	29	32	26	26	31	29	32	33	19	16	15	23	24	36	38	45	43	24	19	21	33	29	32	41	30.5
	MIN	28	32	20	16	28	9	4	13	10	19	19	21	22	16	13	8	-2	-4	5	15	14	27	20	22	17	12	-1	5	14	9	19	14.5
HILLSBORO	MAX	42	68	57	39	37	32	13	30	34	30	26	29	30	37	34	25	23	17	30	26	34	41	53	48	40	30	26	36	33	35	43	34.8
	MIN	29	36	23	18	29	9	2	8	12	17	17	22	23	21	15	9	0	-2	3	17	20	28	23	32	21	17	2	6	18	10	19	16.3
HOOPESTON	MAX	36	64	56	33	34	35	35	25	32	24	24	28	28	29	30	16	14	18	19	21	29	34	40	39	19	23	18	30	26	26	35	29.7
	MIN	24	33	23	17	26	30	6	9	8	14	1	15	12	9	12	1	-4	-5	-4	5	1	16	10	16	10	11	-9	-6	13	12	9	10.2
JACKSONVILLE	MAX	40	67	41	40	36	33	15	33	33	26	28	29	28	38	30	22	18	14	28	24	38	37	48	43	34	28	25	37	30	34	43	32.9
	MIN	28	39	20	17	30	8	2	13	10	19	20	23	24	10	15	5	-2	-6	4	17	18	26	25	28	21	17	1	8	15	9	23	15.7
JERSEYVILLE	MAX	42	67	57	38	37	32	14	31	37	30	27	31	29	41	37	29	26	20	32	27	38	46	56	51	41		26	38	34	35	44	36.4
	MIN	30	38	24	19	29	0	-1	12	12	20	20	21	24	25	17	13	4	0	9	18	18	31	29	34	24	18	3	9	20	13	23	17.9
JOLIET WB AIRPORT	MAX	36	50	35	34	34	34	32	24	25	24	25	28	28	27	29	15	14	18	17	20	33	34	39	38	19	20	12	24	28	25	31	27.5
	MIN	15	35	20	15	26	30	9	12	11	-1	-3	16	2	5	1	-2	-9	-11	-5	-3	5	10	14	10	3	-15	-19	-5	4	6	6	5.9
KANKAKEE	MAX	36	63	50	31	35	35	35	25	27	25	23	26	29	26	31	14	15	16	16	18	27	36	38	40	18	19	11	24	29	25	32	28.2
	MIN	21	34	22	16	25	30	8	10	12	13	6	9	12	7	12	2	-3	-3	-4	5	0	15	12	16	8	3	-13	-8	8	11	4	9.4

See reference notes following Station Index

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KANKAKEE 4 W	MAX	36	62	60	30	34	34	35	24	26	24	22	26	27	26	30	15	13	15	17	18	27	35	38	40	16	19	13	23	27	25	31	28.0
	MIN	19	34	22	15	25	30	8	9	12	12	3	6	12	6	15	1	- 5	- 6	- 2	1	- 2	19	10	16	7	6	-15	- 8	8	15	4	8.9
KEWANEE	MAX	34	44	33	33	33	27	13	27	28	26	23	28	27	30	30	12	12	19	20	22	36	38	42	38	24	18	15	31	26	35	32	27.6
	MIN	20	29	20	12	20	13	5	11	12	14	13	17	20	20	9	6	- 4	- 6	3	2	8	19	16	22	9	9	-12	3	11	8	16	11.1
LACON	MAX	35			32	35	33	18	30	28		25	33	25	30	29	20	15	22	20	16	29	35	38	34	15		12	25		25		26.4
	MIN	24		19	14	27	17	8	12	18	16	14	17	19	22	12	7	- 7	- 5	- 1	0	8	22	18			-10	-13		9			10.7
LA HARPE 1SW	MAX	39	52	36	40	35	30	11	29	29	25	26	32	30	38	33	18	18	16	24	25	39	38	48	42	22	20	22	36	31	36	43	31.1
	MIN	27	29	18	11	19	6	0	11	12	14	15	21	20	11	10	5	- 9	-10	5	9	13	23	22	22	16	10	- 6	8	11	6	23	12.0
LA SALLE	MAX	35	51	36	33	33	34	30	28	27	24	27	27	27	30	31	16	14	18	23	20	32	36	43	43	16	21	17	31	25	27	34	28.7
	MIN	20	34	20	15	28	30	9	15	18	14	10	18	17	17	12	4	- 3	- 4	3	3	6	23	18	16	9	0	- 9	- 2	14	8	12	12.1
LINCOLN	MAX	37	68	40	35	35	31	13	27	31	25	25	28	27	32	32	20	13	13	23	23	33	37	45	42	22	21	20	32	26	28	38	29.7
	MIN	29	36	21	15	29	10	4	13	10	17	15	18	18	20	12	6	- 4	- 6	4	8	13	22	19	20	15	7	- 3	6	15	7	21	13.5
MARENGO	MAX	32	40	34	31	31	32	33	24	24	22	22	25	25	24	26	15	10	14	19	20	28	33	38	36	14	18	14	28	28	25	31	25.7
	MIN	8	31	20	10	21	28	6	12	15	1	0	15	11	3	5	- 1	- 8	- 7	- 9	- 3	0	15	14	12	0	- 9	-26	- 2	7	- 4	10	5.6
MATTOON	MAX	45	66	38	36	34	34	15	24	33	24	24	27	28	32	31	20	15	14	23	22	32	36	43	42	27	23	24	31	32	25	36	30.2
	MIN	28	38	26	18	30	9	5	12	7	11	8	14	18	20	8	5	0	- 3	- 4	6	12	17	19	20	17	3	- 1	4	18	15	18	12.8
MC LEANSBORO	MAX	45	72	68	40	39	35	16	33	40	35	27	33	42	45	40	30	28	23	34	33	34	49	59	50	40	49	29	39	42	37	45	39.7
	MIN	29	45	32	22	33	14	6	11	7	20	15	24	27	28	24	16	12	6	11	15	18	33	28	33	27	23	7	9	23	20	18	20.5
MINONK	MAX	34	57	41	32	33	34	29	25	27	25	25	25	30	26	25	22	15	20	20	22	30	33	40	33	20	17	18	30	30	29	34	28.4
	MIN	23	33	19	14	26	27	6	9	10	14	8	15	12	14	10	3	- 3	- 5	0	7	5	22	14	20	9	8	-10	1	12	7	15	11.1
MOLINE WB AIRPORT	MAX	40	41	29	32	35	20	22	26	26	24	24	27	27	30	25	14	12	16	22	21	38	36	44	39	14	14	16	32	23	28	37	26.9
	MIN	20	27	18	12	20	9	5	19	17	16	16	19	18	22	10	- 1	- 7	- 8	9	- 3	18	19	26	12	9	- 4	-12	9	9	4	21	11.3
MONMOUTH AIRPORT	MAX	35	49	34		35	31	10	26	26	26	23	26	26	30	30	13	12	14	23	20	35	37	47	42	19	17	18	33	29	32	38	27.9
	MIN	22	33	16	10	27	8	1	10	13	13	14	18	16	21	8	2	- 8	-11	5	- 3	10	22	22	17	15	8	- 7	9	8	6	20	11.1
MORRIS 3 NE	MAX	33	50	49	34	33	34	34	25	25	25	24	26	27	27	30	17	13	12	17	18	29	29	39	40	17	21	10	26	29	26	32	27.5
	MIN	17	32	21	13	25	29	9	9	12	11	0	8	12	5	13	- 1	- 7	- 8	- 6	- 4	- 3	12	13	17	6	4	-15	- 3	2	6	3	7.5
MORRISON	MAX	34	38	35	30	35	35	33	27	27	25	24	28	26	28	30	18	17	16	22	20	30	37	43	38	12	14	16	30	23	25	34	27.4
	MIN	16	31	18	11	23	28	7	11	16	11	16	18	18	19	9	0	- 6	- 6	7	3	7	22	17	11	6	0	-20	0	8	0	12	10.1
MORRISONVILLE 1 E	MAX	40	67	57	39	37	33	11	29	32	28	25	28	28	36	33	23	20	13	28	26	32	38	46	42	32	29	25	35	32	32	41	32.8
	MIN	29	38	22	17	30	10	2	9	9	18	18	22	22	14	15	4	- 4	- 6	- 1	15	18	24	20	29	20	15	0	5	17	9	19	14.8
MT CARMEL	MAX	48	71	66	45	40	40	25	33	40	36	30	30	37	45	38	33	25	25	28	28	35	48	58	48	38	48	28	38	48	40	42	39.8
	MIN	26	45	29	28	30	25	12	12	16	16	14	19	19	26	16	14	10	6	8	12	19	28	26	26	26	23	6	10	24	20	26	19.9
MOUNT CARROLL	MAX	32	37	35	30	34	35	34	25	25	23	23	28	26	27	30	15	13	15	19	20	31	34	40	38	14	12	10	26	25	23	33	26.2
	MIN	10	31	19	10	25	28	9	12	17	15	15	18	16	16	10	2	- 5	- 8	8	- 6	5	22	18	14	5	0	-26	4	4	- 3	8	9.5
MOUNT VERNON 4N	MAX	47	70	63	39	36	32	15	28	38	30	26	29	37	44	40	28	25	21	32	30	33	47	59	47	38	46	26	37	42	33	44	37.5
	MIN	30	45	30	21	31	11	5	7	2	19	19	23	26	22	20	13	8	3	9	17	20	31	27	31	26	20	5	9	22	17	17	18.9
NEW BURNSIDE	MAX	58	71	66	41	39	33	15	30	38	33	26	32	40	45	41	35	27	24	35	34	36	53	59	51	53	56	26	40	47	35	45	40.8
	MIN	28	57	28	19	31	12	8	9	15	19	15	23	27	30	23	13	15	6	9	18	16	34	31	38	20	19	8	5	23	22	17	20.6
NEWTON	MAX	40	69	65	39	36	37	18	28	39	32	27	31	33	39	34	25	23	21	25	25	32	43	50	43	32	32	27	38	41	32	41	35.4
	MIN	31	38	29	21	30	17	7	11	10	20	11	20	22	21	18	8	1	0	3	11	10	28	22	30	20	19	3	5	21	18	15	16.8
OLNEY RADIO STA	MAX	40	70	68	39	36	38	14	29	37	34	26	29	34	41	37	25	23	18	27	27	32	44	54	40	34	32	26	34	44	35	40	35.7
	MIN	26	40	32	22	31	20	7	12	7	21	10	20	24	23	20	13	5	2	6	10	9	31	23	33	22	23	5	5	20	17	13	17.8
OTTAWA	MAX	35	49	37	36	34	34	34	28	27	28	25	31	29	29	30	18	19	22	20	24	32	36	46	41	16	21	20	30	29	31	34	29.8
	MIN	20	34	21	14	27	30	9	13	15	14	9	17	17	16	13	4	- 3	- 4	3	3	6	21	15	15	9	0	- 9	2	11	8	13	11.7
PALESTINE	MAX	47	57	55	39	37	41	20	32	40	27	27	31	34	40	36	26	22	24	24	28	31	43	50	46	32	27	30	38	45	29	40	35.4
	MIN	29	47	28	20	30	20	10	15	15	14	9	18	22	22	13	12	3	2	5	7	5	23	22	23	23	13	4	4	20	15	13	16.3
PANA	MAX	42	67	46	40	37	32	14	29	37	26	28	30	31	33	31	23	17	17	28	25	37	40	48	43	31	26	25	36	31	32	40	33.0
	MIN	31	40	24	20	30	10	4	14	8	20	19	22	20	19	14	10	- 1	- 3	1	11	19	23	22	24	20	13	1	6	19	13	20	15.9
PARIS WATER WORKS	MAX	39	68	55	35	36	37	24	27	48	25	25	30	29	30	32	31	16	20	23	22	29											
	MIN	27	36	25	19	26	21	6	11	12	12	4	15	13	11	11	5	- 3	- 5	1	5	- 1	19	13	20	10	- 2	9	15	15	12		12.1
PEORIA WB AIRPORT	MAX	48	53	32	33	36	30	20	27	28	24	24	26	28	31	31	13	15	16	20	22	34	36	42	39	19	20	20	32	24	31	37	28.7
	MIN	28	32	18	15	29	8	5	13	11	16	19	18	20	21	7	2	- 4	- 6	6	9	19	19	19	14	13	0	- 3	6	17	9	23	12.8
PONTIAC	MAX	35	63	42	32	34	34	34	26	27	25	24	28	27	28	30	15	14	17	17	21	30	34	40	39	20	20	15	27	26	28	32	28.5
	MIN	23	32	20	16	27	29	6	10	12	15	8	10	12	13	12	4	- 3	- 4	- 1	5	- 1	21	12	17	9	1	- 7	- 4	11	8	9	10.4
QUINCY	MAX	40	47	46	37	35	18	15	31	32	26	30	30	32	37	31	23	19	17	27	23	44	36	53	46	37	21	23	36	30	38	47	32.5
	MIN	32	34	17	18	18	5	- 1	14	18	17	13	24	24	17	14	13	- 1	- 3	11	10	21	29	30	24	21	12	- 2	12	13	12	27	15.9
QUINCY CAA	MAX	52	57	33	37	33	12	22	30	31	23	29	29	30	38	32	22	17	15	26	24	41	37	52	41	35	22	23	36	28	38	46	32.0
	MIN	28	29	17	16	12	4	- 3	12	13	12	15	22	22	14	12	9	- 4	- 7	14	12	21	25	31	21	17	4	- 2	8	12	9	23	13.5
RANTOUL CHANUTE AF	MAX	41	63	38	34	33	34	15	23	29	23	23	26	27	29	30	18	14	18	20	23	32	35	41	40	19	21	18	29	30	25	28	28.4
	MIN	26	38	23	18	29	13	7	14	3	9	8	19	16	19	10	1	- 2	- 3	- 2	1	1	13	13	15	11	1	- 4	1	15	16	13	11.0
ROBERTS 3 N	MAX	35	62	59	35	35	34	34	25	28	25	25	24	26	29	26	15	12	14	16	15	28	35	39	35	19	20	19	26	22	25	31	28.2
	MIN	23	32	20	11	26	29	10	12	19	15	3	10	3	3	12	- 1	- 3	- 6	- 4	3	0	15	10	16	9	5	- 9	- 4	11	14	9	9.5
ROCKFORD	MAX	34	39	36	32	34	34	34	25	26	26	23	27	27	22	28	18	14	17	22	24	30	34	41	38	15	14	2	26	26	25	32	26.6
	MIN	13	31	20	9	24	29	9	8	17	14	7	15	15	7	14	- 1	- 6	- 9	- 1	0	8	24	18	15	0	0	-19	1	13	1	12	9.3
ROCKFORD CAA	MAX	34	38	34	29	32	35	33	24	24	20	24	26	27	28	26	15	11	15	24	18	34	32	39	36	14	15	11	23	25	23	30	25.8
	MIN	9	32	15	9	25	30	8	21	19	15	2	1	14	8	3	- 3	- 9	-16	-18	-10	- 4	1	11	16	7	2	-17	-25	- 4	4	3	11	4.4
RUSHVILLE	MAX	39	54	36	38	35	31	13	34	25	26	27	32	30	41	35	23	19	21	25	28	40	41	50	34	29	22	26	38	30		44	32.2
	MIN	29	36	20	16	29	9	2	13	12	19	18	21	21	17	15	10	- 2	- 5	7	16	21	27	24	24	20	13	0	8	13		23	15.9
SPARTA	MAX	48	69	55	41	42	33	17	31	43	35	28	32	39	51	41	33	29	24	40	32	36	53	67	53	51	46	29	40	42	36	46	40.7
	MIN	30	47	30	22	32	12	5	10	10	21	22	26	29	26	24	17	15	8	11	22	21	32	32	37	28	23	8	8	23	19	19	21.6
SPRINGFIELD WB AIRPORT	MAX	52	68	34	38	36	31	18	27	31	23	25	28	28	32	32	21	16	13	24	23	35	37	43	39	28	22	22	33	27	33	40	30.9
	MIN	31	34	22	18	30	7	3	14	10	19	19	21	22	17	9	2	- 3	- 6	8	18	23	24	27	20	19	5	1	9	15	9	25	15.2
SPRINGFIELD WB CITY	MAX	51	68	35	37	37	31	18	28	32	25	26	30	29	34	33	22	15	13	27	24	35	37	46	45	28	23	22	34	27	31	40	31.7
	MIN	33	35	23	22	31	8	5	17	15	19	20	20	24	21	15	8	1	- 1	8	18	22	24	24	21	20	7	4	12	18	12	25	17.2
STOCKTON	MAX	28	35	34	27	31	32	32	23	23	22	22	28	24	21	27	12	10	16	20	23	30	35	39	37	12	9	8	27	24	22	32	24.7
	MIN	10	27	16	6	22	26	9	8	16	11	13	15	12	10	8	1	- 8	- 8	3	- 1	8	22	17	12	0	0	-17	2	11	- 1	14	8.5
SYCAMORE	MAX	34	38	34	32	33	34	34	26	26	23	24	25	27	26	28	14	10	13	18	17	30	33	39	38	12	19	13	25	28	23	31	26.0
	MIN	11	31	18	10	22	29	10	21	4	5	4	14	6	6	6	- 3	-12	-10	- 3	- 1	1	8	14	6	- 1	5	-17	- 4	4	3	1	6.1

DAILY TEMPERATURES

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
[illegible] GROVE	MAX	37	54	35	39	34	31	13	30	30	24	26	29	27	35	31	17	14	15	22	25	37	38	47	43	22	20	23	36	28	33	43	30.3
	MIN	28	35	18	16	29	7	1	13	14	17	19	22	20	18	11	7	-5	-7	6	14	18	21	23	20	16	9	-1	9	11	9	23	14.2
TUSCOLA	MAX	36	66	62	38	39	35	20	25	33	26	24	28	28	33	32	20	17	17	22	23	29	35	40	39	26	23	22	31	30	27	35	31.0
	MIN	28	34	24	17	28	17	5	7	1	16	17	13	14	9	11	1	-7	-10	-8	0	-2	19	18	25	13	10	-7	-3	14	11	11	10.5
URBANA	MAX	34	64	56	34	34	33	18	24	29	25	24	28	27	31	23	20	19	20	20	25	28	35	41	39	20	22	19	30	30	27	34	29.5
	MIN	27	34	23	19	29	18	6	10	4	17	12	19	14		13	5	0	0	-1	9	3	23	14	20	14	7	-1	4	17	18	14	13.0
VIRDEN	MAX	39	67	56	39	36	32	14	27	33	25	27	28	28	35	34	24	18	15	28	25	32	37	48	42	33	27	22	35	31	34	42	32.7
	MIN	31	38	21	16	29	9	2	11	10	13	19	22	23	15	15	7	-2	-5	3	17	18	27	22	22	21	13	0	8	18	10	22	15.3
WALNUT	MAX	33	37	38	32	33	34	33	27	26	23	27		21	31	29	17	14	16	19	16	32	36	39	39	17	14	16	30	25	25	34	27.1
	MIN	18	33	19	12	22	27	7	8	15	11	16	17	17	15	10	2	-6	-6	5	1	8	24	18	16	8	3	-12	6	16		16	11.5
WATSEKA	MAX	35	63	60	32	33	34	34	23	29	25	23	25	28	28	30	15	12	15	17	18	27	34	39	38	18	20	12	24	25	25	33	28.2
	MIN	23	33	23	17	27	30	8	9	12	17	2	10	10	9	14	3	-1	-5	-4	5	0	20	13	17	8	10	-7	-5	13	15	7	10.7
WAUKEGAN	MAX	36	45	38	33	34	36	35	25	23	22	24	29	26	24	24	16	14	18	18	25	27	33	39	40	13	21	10	25	27	23	32	26.0
	MIN	8	35	23	15	22	30	9	9	17	11	8	16	13	3	12	1	-3	-4	-1	4	8	19	17	12	1	-2	-12	0	12	6	11	9.7
WHEATON COLLEGE	MAX	33	47	39	30	34	34	36	26	25	24	22	26	27	26	27	14	12	12	17	23	27	33	37	39	16	19	9	23	27	23	32	26.4
	MIN	12	32	22	13	23	31	9	8	14	11	3	17	19	0	14	-1	-5	-4	-1	0	8	8	16	16	1	0	-16	-3	4	4	10	8.8
WHITE HALL 1 E	MAX	40	68	58	38	37	32	14	30	34	28	27	29	30	41	37	24	23	18	29	26	36	41	51	49	37	35	24	35	34	35	44	35.0
	MIN	29	38	21	18	31	9	1	13	10	20	19	24	24	20	16	9	1	-2	0	18	18	32	25	31	23	18	1	7	16	11	22	17.1
WINDSOR	MAX	37	66	64	36	34	32	15	24	33	25	25	28	28	30	30	21	18	15	25	25	30	37	44	43	27	25	22	31	31	27	36	31.1
	MIN	27	35	25	17	27	15	5	8	3	19	11	18	16	11	15	6	-2	-5	-1	5	12	23	18	27	18	13	-1	5	17	15	15	13.5

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Anna 1 NW	SNOWFALL					0.2	0.9	0.3			T	1.3	T																			
	SN ON GND					T	9	6	4	2	2	3	3	2	T																	
Antioch	SNOWFALL		T			0.5	-	3.0	5.0	T		T		T	T	1.5				T		T	T			2.0	4.0					
	SN ON GND	2	T	T	T	1	4	4	8	8	8	8	8	8	[illegible]	10	10	10	10	10	10	10	10	9	9	11	15	15	15	15	15	15
Aurora College	SNOWFALL						2.8	2.5	3.7	0.8		0.6		0.5	0.2	0.2				0.9			T	0.7	0.6	3.8	3.4					
	SN ON GND	1	T	T	T		3	5	8	9	9	9	8	9	9	9	8	[illegible]	[illegible]	9	9	9	[illegible]	8	7	10	12	12	12	11	11	10
Belleville Scott AF	SNOWFALL				T	1.5	2.0	0.2		T	T	0.6	T							T							0.2					
	SN ON GND				T	1	2	2	1	1	T	1	1							T							T					
Bloomington Normal	SNOWFALL				T	4.3	2.5	0.4		0.3	1.3	0.4	0.5	0.6	0.3					1.7						0.5	0.3					
	SN ON GND					4	7	5	5	4	6	5	5	5	5	5	4	4	4	6	5	5	5	4	4	4	4	4	4	4	4	4
Cairo WB City	SNOWFALL					1.1	5.8	T			0.1	0.5	T					T														
	SN ON GND						4	4	3	2	2	2	2	1	T	T	T	T	T	T	T	T										
Carlinville 4 E	SNOWFALL					1.2	3.8	0.3		T	T	1.2															0.2					
	SN ON GND					1	5	5	5	4	4	4	4	3	3	2											T					
Chicago WB AP	SNOWFALL			T		0.3	5.6	5.4	2.0	1.1		0.2	T	0.2	1.3	1.0	T	T		1.0	T	T	T			5.1	3.9			T		
	SN ON GND	1	T	T	T	T	4	4	9	10	9	9	5	5	5	6	6	4	4	5	5	5	4	2	2	6	11	10	9	8	7	6
Danville	SNOWFALL					T	4.0	2.0		T		4.0		T	T											0.5						
	SN ON GND					T	1	3	3	3	3	7	3	3	3	2	2	2	2	4	4	4	3	2	1	1	1	1	1	T	T	T
Decatur	SNOWFALL						7.4	2.6	0.4	0.3	0.1	1.7	0.7	T	T	T				0.6						T	T				T	
	SN ON GND						7	8	7	5	5	5	4	4	3	3	2	2	2	2	2	2	2	1	1	1	1	1	T	T	T	T
Dixon	SNOWFALL					T	2.0	3.0	1.0	T		0.5		T	T	0.5				1.0	T		T			4.0	1.0					
	SN ON GND	1	T	T	T	T	2	5	6	6	6	6	6	6	5	6	5	5	5	6	6	5	5	3	3	7	8	8	8	8	7	6
Effingham [illegible] AP	SNOWFALL					T	10.7	T		0.6	0.3	2.5	0.7	T						1.3							T					
	SN ON GND					T	10	9	8	8	7	10	11	7	4	4	4	4	4	5	5	4	3	1	1	1	1	1	T			
Galva	SNOWFALL						2.5	0.5				0.8	0.3							1.2							T					
	SN ON GND						3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	4	3	3	2	2	2	2	2	2	2	2
Golconda Dam 51	SNOWFALL						T	T			T	T	1.0	T					T		T											
	SN ON GND										T	T	1	1																		
Greenville	SNOWFALL					0.5	4.0	T				2.0	T							0.1												
	SN ON GND					1	5	5	4	3	3	5	5	3	2	2	2	2	1	1	1	1										
Harrisburg	SNOWFALL					T	5.0	1.0			T	0.5	T					T		T												
	SN ON GND					T	5	4	3	1	1	2	2	1	T	T		T														
Joliet WB Airport	SNOWFALL			T		0.3	5.3	4.3	0.3	0.3		0.4	T	T	0.5	0.2	1			0.4	T	T	T			2.8	0.5					
	SN ON GND	T					4	3	6	6	6	6	6	5	5	6	6	6	6	6	6	5	4	3	3	5	6	6	5	5	5	5
Kankakee	SNOWFALL						5.8	3.0	1.0	0.3		T		0.3	T	0.5				2.5						2.0	0.7					
	SN ON GND						4	7	8	8	8	8	8	8	6	7	7	7	7	8	8	7	6	6	5	7	8	8	8	8	7	7
La Harpe 1 SW	SNOWFALL					1.2	2.0	0.5	0.1	T	T	1.1	0.2			T	T			0.1							T					
	SN ON GND			-	-		-	-	-	-	-		-	-		-	-			-	-	-	-			-	-	-	-	-	-	-
Lincoln	SNOWFALL					0.5	5.0	1.0	T	0.5	T	2.0	0.4							0.5							T					
	SN ON GND					1	6	6	6	5	5	7	6	4	3	3	3	3	3	4	3	3	2	1	1	1	1	1	1	1	T	T
Marengo	SNOWFALL		T			0.3	2.5	3.1	2.5			T				1.5				1.5						5.9	T					
	SN ON GND	1	T	T	T	T	3	5	7	7	7	6	6	5	5	7	6	6	5	7	6	6	5	5	5	11	11	10	10	10	10	10
[illegible] ARGO	SNOWFALL			T		1.1	2.1	0.4	T	T	T	1.6	T	T	0.2	T	0.1			0.9						0.6	0.3			T		
	SN ON GND					T	3	3	3	3	3	4	4	2	2	2	2	2	2	3	3	1	1	T	T	1	1	1	T	T	T	T
Monmouth Airport	SNOWFALL					1	2.8	0.5		T		1.8	T	T	T					1.3												
	SN ON GND					T	3	3	3	3	3	5	5	4	3	3	3	3	3	3	3	3	2	1	T							

See reference notes following Station Index.

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Morrison	SNOWFALL		T				4.0	2.0	T	T		2.0		T	T	0.5	T			3.0						5.0					
	SN ON GND						3	5	5	5	4	6	5	4	4	3	3	3	3	6	5	4	2	1	1	6	6	[illegible]	6	6	6	6
Morrisonville 1 E	SNOWFALL					0.5	5.0	0.5	0.5	T	T	1.0	T							1.0							T					
	SN ON GND					1	5	6	6	6	6	6	4	4	4	4	3	3	3	4	3	3	2	1	T	T	T	T	T	T	T	T
Mt. Carmel	SNOWFALL							1.0	0.2		1.0	T	2.0	T		T					T										
	SN ON GND							1	1	1	1	1	3	2	1	T					T										
Mount Vernon 4 N	SNOWFALL					0.5	7.5	T			T	T	T																		
	SN ON GND						8	7	6	5	3	3	3	2	1	1	T	T	T	T	T	T	T	T							
Olney Radio Station	SNOWFALL							2.0				1.5								T											
	SN ON GND							2	2	1	1	2	2	1	T	T	T	T	T	T	T	T										
Ottawa	SNOWFALL			T		T	2.0	2.1	0.7	0.3		0.9	T	T	T	0.4				1.5			T			1.6	0.4					
	SN ON GND					T	2	3	4	4	4	5	5	5	5	5	5	5	5	6	6	6	5	3	3	5	5	5	4	4	4	4
Peoria WB AP	SNOWFALL		T			1.0	2.0	1.0	T	0.2	T	2.2	0.1	T	0.6	T				1.1						T	0.1			T		
	SN ON GND	T				T	3	4	4	3	3	5	5	3	3	3	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	T
Pontiac	SNOWFALL						5.0	2.0	0.3	T		1.0		T	0.5	0.3				2.5						2.0	T					
	SN ON GND	2	T	T			5	7	7	7	6	7	6	6	5	5	5	4	4	7	7	6	5	3	2	4	4	4	4	4	4	4
Quincy CAA AP	SNOWFALL					2.2	0.5	T	T	T	T	1.3	T				T			T	T					T	T					
	SN ON GND	T				2	4	4	4	4	4	5	5	3	2	2	2	2	2	2	2	1	1				T	T	T	T	T	
Rantoul Chanute AF	SNOWFALL					T	8.4	1.9	0.4	0.3	T	0.2	0.2	T	0.2	T				2.6			T			T	T				T	
	SN ON GND	T				T	8	9	9	9	[illegible]	9	9	9	7	7	5	4	3	5	5	5	5	3	2	1	1	1	1	1	1	1
Roberts 3 N	SNOWFALL					T	6.5	1.5			T	T		T	T	0.7				1.0	T	T	T			2.0	T					
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rockford CAA AP	SNOWFALL		T	T		1.0	1.5	1.3	0.6	T		1.0	0.2	T	1.4	0.3	T			T	T	T				3.6	2.0					
	SN ON GND	1	T	T	T	T	2	3	4	4	4	5	4	4	5	4	3	3	3	3	3	3	3	2	2	5	8	7	5	4	4	4
Sparta	SNOWFALL					0.3	4.2	0.4			T	0.4	0.2							T							T					
	SN ON GND					T	4	4	3	1	1	1	1	T	T	T	T	T	T	T	T	T										
Springfield WB AP	SNOWFALL					1.6	3.6	0.4	T	0.1	T	1.5	T	T						T	T					T	T					
	SN ON GND					1	4	4	4	4	4	6	6	5	3	3	3	3	3	3	3	2	1	T	T	T	T	T	T	T	T	T
Stockton	SNOWFALL					0.5	2.0	2.0	1.0			1.0		T		1.0				1.0						3.0	3.0					
	SN ON GND	1	T	T	T	1	2	4	5	5	5	6	6	6	6	7	7	7	7	8	8	7	[illegible]	5	5	7	9	9	9	9	9	8
Sycamore	SNOWFALL		T				1.0	7.5	0.5	T						2.0				0.6						3.5	3.4					
	SN ON GND	1	T	T	T	T	1	9	9	9	9	9	9	9	9	11	11	11	11	12	12	12	11	9	7	11	14	14	14	14	14	14
Table Grove	SNOWFALL					0.6	3.4	0.7	0.2	T	T	1.4	T	T						0.4							T					
	SN ON GND					1	4	4	4	3	3	5	5	5	4	4	3	3	3	3	3	3	2	T								
Tuscola	SNOWFALL						7.0	1.2			0.8	0.8								1.2												
	SN ON GND	2					7	8	7	7	7	7	7	[illegible]	6	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3	3	3
White Hall 1 E	SNOWFALL		T			T	2.0	T				0.7								T							T					
	SN ON GND					T	2	2	2	2	2	2	2	2	1	1	T	T	T	T	T	T	T									

STATION INDEX

Station	Index No	County	Drainage†	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables
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[illegible]	[illegible]	McLean	1	40 30	89 00	830	[illegible]	[illegible]P	Harry G. Johnson	2 3 5 7
[illegible]	[illegible]	Scott	1	39 45	90 33	[illegible]		6P	Hugh Moore	3
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[illegible]	[illegible]	[illegible]	3	41 51	87 46	608	7P	7P	George D. Lukes	[illegible]
[illegible]	[illegible]	[illegible]	7	38 31	88 24			MID	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1	40 08	[illegible]	746		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	1	38 40	89 59	[illegible]		[illegible]	[illegible]	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	3 4
[illegible]	[illegible]	[illegible]		41 27	87 38	[illegible]		MID	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	40 08	87 38	[illegible]	7P	7P	[illegible] C. Hewes	2 3 5 7
[illegible]	[illegible]	[illegible]	[illegible]	40 08	[illegible]	575		MID	[illegible]	[illegible]
[illegible]	[illegible]	Vermilion	7	40 08	87 39	555		[illegible]	Ben Burt	3
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	7P	[illegible]	[illegible]	2 3 5 7
[illegible]	[illegible]	[illegible]	1	42 03	87 55	704		[illegible]	CLOSED - - - - - -	11-1-50
[illegible]	[illegible]	[illegible]	7	39 22	88 08	660		[illegible]	Maurice L. Reed	[illegible]
[illegible]	[illegible]	[illegible]	6	41 50	[illegible]	[illegible]	6P	[illegible]	William W. Shuck	2 3 5 7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90 05	650		MID	CLOSED - - - - -	11-18-50
Downs 2 NE	[illegible]	McLean	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	3 4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89 14	168	6P	6P	[illegible]	2 3 5
[illegible]	[illegible]	[illegible]		[illegible]	88 25	641		[illegible]	J. Frank Ziegler	
Dwight St. Reformatory	[illegible]	[illegible]	1	41 05	[illegible]	641		MID	St. Ref. for Women	[illegible]
[illegible]	[illegible]	St. Clair	1	38 37	90 07	[illegible]	7P		[illegible]	2 3 5
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	38 49	89 58	[illegible]		[illegible]	Arthur W. Jaggers	3
[illegible]	[illegible]	[illegible]	7	39 09	88 32	[illegible]	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
[illegible]	[illegible]	[illegible]	1	42 02	88 17	729			W. O. Beckner	3
[illegible]	[illegible]	[illegible]	5	37 27	[illegible]	357		5P	U.S. Forest Ranger	2 3 5
[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	The Principia Coll.	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	Chgo Sanitary Dist.	3 4
[illegible]	[illegible]	[illegible]	1	40 44	88 31	[illegible]		MID	[illegible]	3 4
[illegible]	[illegible]	[illegible]	7	38 23	88 21	[illegible]	4P	4P	[illegible]	2 3 5
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	732		MID	[illegible]	3 4
[illegible]	3109	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Clay County Hospital	2 3 5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89 37	762	7P	7P	[illegible]	2 3 5
[illegible]	[illegible]	[illegible]	6	42 17	89 36	751		[illegible]	Sewage Treatment Pl.	3 4
[illegible]	[illegible]	[illegible]	1	41 54	90 09	[illegible]	5P	8A	Corps of Engineers	2 3 4 5
[illegible]	[illegible]	[illegible]	5	37 51	88 37	[illegible]		MID	[illegible]	3 4
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]		[illegible]	Orrin [illegible]	3
[illegible]	[illegible]	[illegible]	1	40 57	90 22	780	MID	5P	James Garrett	2 3 5
[illegible]	[illegible]	[illegible]	1	41 10	90 02	[illegible]	[illegible]	[illegible]	Arthur E. Johnson	2 3 5 7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90 09	639		[illegible]P	Mrs. M. J. Bessant	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88 23	753		[illegible]	[illegible]	3
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]		[illegible]	Corps of Engineers	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	37 26	[illegible]	[illegible]		MID	U.S. Soil Cons.Serv.	3 4
[illegible]	[illegible]	[illegible]	[illegible]	37 22	88 29	[illegible]	MID	[illegible]	[illegible]	2 3 4 5 7
[illegible]	[illegible]	[illegible]	1	[illegible]	91 01	[illegible]		6P	[illegible]	3
[illegible]	[illegible]	[illegible]	1	38 58	90 26	[illegible]		7A	John A. DeSherlia	
[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	1	39 20	90 12	556		MID	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7	39 15	88 10	[illegible]		[illegible]	Ettelbrick Shoe Co.	[illegible]
[illegible]	[illegible]	[illegible]		38 53	89 24	[illegible]	7P	7P	Deane J. McAlister	2 3 5 7
[illegible]	[illegible]	[illegible]		40 45	[illegible]	[illegible]		6P	Ezra D. Stoll[illegible]	
[illegible]	3717	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1	39 09	90 37	700		6P	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		37 44	88 32	366		6P	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		37 44	[illegible]			[illegible]	[illegible]	3
[illegible]	[illegible]930	[illegible]	1	40 18	90 03	451	7P	7P	[illegible]	2 3 5
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]		7A	[illegible]	
[illegible]	4017	[illegible]	1	41 07	89 22	491	7P	7P	CLOSED - - - - -	11-17-50
[illegible]	[illegible]	[illegible]	2	39 09	89 29	626	6P	[illegible]	H. A. Cress Jr.	[illegible]
[illegible]	[illegible]	[illegible]	7	40 28	[illegible]	717		6P	Charles S. Flexman	2 3 4 5
[illegible]	[illegible]	[illegible]	1	40 40	88 56	[illegible]		MID	Ill State Wtr Sur	3 4
[illegible]	[illegible]	[illegible]		39 07	87 40			MID	Ed W. Dry	[illegible]
[illegible]	[illegible]	[illegible]	7	39 06	87 40			7A	Ill Public Serv Co	
[illegible]	[illegible]	Rock Island	[illegible]	[illegible]	91 01	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	39 44	90 14	607	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1	39 44	[illegible]	575		MID	Municipal Sew Tr	[illegible]
[illegible]	4489	[illegible]	1	39 07	90 20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		7A	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	504	MID	MID	U.S. Weather Bureau	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	41 07	87 52	[illegible]	7P	7P	[illegible]	2 3 5 7
[illegible]	[illegible]598	[illegible]	[illegible]	41 08	87 56	620		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	1	41 08	87 53	[illegible]		MID	[illegible]	
[illegible]	[illegible]	[illegible]	1	[illegible]	90 57	540		[illegible]	Alfred M. Norris	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89 55	853	[illegible]	[illegible]	Cassius C. Conger	2 3 5
[illegible]	[illegible]	[illegible]	[illegible]	41 15	[illegible]	[illegible]		MID	Bennett E. Rose	3 4
[illegible]	[illegible]	[illegible]	1	40 35	[illegible]	691	6P	[illegible]	Kent Campbell	2 3 5 7
[illegible]	[illegible]	[illegible]	1	[illegible]	89 50	[illegible]		MID	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		41 20	[illegible]	522		[illegible]	Westclox GTI Corp.	2 3 5
[illegible]	[illegible]	[illegible]	1	41 19	[illegible]			[illegible]	[illegible]	3
[illegible]	[illegible]	[illegible]	7	38 44	87 41	472		[illegible]	Frank Bray	3

† [illegible] Mississippi 5. Ohio 6. Rock 7. Wabash

Station	Index No	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
[illegible]	5036	[illegible]	1	40 21	88 46	780		7P	O. J. Lere	3
[illegible]	5079	[illegible]gan	1	40 09	89 [illegible]	591	7P	7P	John Zurkammer Jr.	2 3 5 7
Lincoln No. 2	5084	[illegible]	1	40 09	89 21	600		7A	George L. Smith	[illegible]
[illegible]	5131	Will	1	41 34	88 05	[illegible]		MID	Corps of Engineers	3 4
[illegible]	5136	Will	1	41 34	88 05	[illegible]		MID	Chgo Sanitary Dist.	3 4
Louisville	5216	[illegible]	7	38 46	88 30	[illegible]		MID	Carl E. Farrell	[illegible] 4
Mackinaw	5272	[illegible]	1	40 32	89 [illegible]	646		6P	T. L. Haensel	[illegible]
[illegible]	5280	[illegible]	1	40 28	90 40	702		6P	W. S. Newell	[illegible]
Marengo	[illegible]	McHenry	6	42 15	88 [illegible]	819	6P	6P	Frank J. Mack	2 3 5 7
Marietta	5334	Fulton	1	40 30	90 24	546		MID	Joseph Ace McCance	3 4
Marion	5342	Williamson	4	37 44	[illegible]	448		[illegible]P	C. N. Danielson	[illegible]
[illegible]	5364	[illegible]	1	40 02	88 57	725		MID	Nelson R. Smith	3 4
[illegible]	5372	[illegible]	1	41 20	[illegible]	[illegible]		7A	Corps of Engineers	3
Marshall	5380	Clark	7	[illegible] 23	87 42	[illegible]		6P	Anna F. Kannmacher	3
[illegible]	5405	St. Clair	2	38 25	89 48	425		[illegible]	Dr. Robt. F. Lischer	3
[illegible]	5413	[illegible]	1	[illegible]	[illegible]	581		MID	Charles Flinspach	3 4
[illegible]	[illegible]	Coles	[illegible]	39 28	[illegible] 21	718	MID	MID	Cen Ill Pub Serv Co	2 3 5
[illegible]	5493	McHenry	1	42 21	88 16	750		MID	Fred C. Feltz	3 4
McHenry 2 S	[illegible]	McHenry	1	42 19	88 [illegible]	712		6P	John J. Barnings	3
[illegible]	[illegible]	Hamilton	5	38 05	88 32	500	6P	[illegible]	F. G. Frazier	2 3 5
[illegible]	5539	Macoupin	1	39 10	[illegible]	[illegible]		7P	M. F. Dodge	3
Minonk	[illegible]	[illegible]	1	40 54	89 02	[illegible]	7P	7P	[illegible]	2 3 5
Moline WB Airport	[illegible]	Rock Island	6	41 27	90 31	[illegible]	MID	MID	U.S. Weather Bureau	2 3 4 5 7
[illegible]	[illegible]	[illegible]	4	40 55	90 38	770	6P	[illegible]	Martin Airways Inc.	2 3 5 7
[illegible]	[illegible]791	Piatt	1	40 02	88 34	659		4P	C. H. Wittig	
Morris	5820	Grundy	1	41 21	88 26			7A	[illegible]	[illegible]
[illegible]	5825	Grundy	1	41 24	88 22	549	6P	6P	Donald M. Pyatt	2 3 5
Morrison	5833	Whiteside	[illegible]	[illegible]	89 58	670	7P	7P	Ralph H. Green	[illegible] 5 7
Morrisonville	[illegible]	Christian	1	39 25	89 [illegible]	638		MID	Frank A. Lowis	3 4
Morrisonville 1 E	5846	Christian	1	39 25	89 26	638	7P	7P	John R. Lowis	2 3 5 7
[illegible]	5888	Wabash	7	38 25	[illegible]	405	6P	[illegible]	Frank D. Talley	2 3 5 7
[illegible]	5895	Wabash	7	38 25	87 45	[illegible]		MID	Mt Carmel Wtr Wks	3 4
[illegible]	[illegible]	[illegible]	4	42 05	89 58	817	7P	7P	James F. McCray	2 3 5
Mount Olive	5917	Macoupin	4	39 04	89 43	681		6P	Henry W. Johnson	3
[illegible]	5927	Logan	1	40 00	89 17	687		5P	Alva Brown	3
[illegible]	5935	Brown	1	39 59	90 46	711		7P	F. E. Sahland	3
[illegible]	5943	Jefferson	4	38 22	88 55	590	6P	7A	Radio Station WMIX	2 3 5 7
Murphysboro Wtr Works	5983	Jackson	4	37 46	89 19	[illegible]		MID	Murphysboro Wtr Co	3 4
[illegible] NW	[illegible]	Washington	2	[illegible]	89 25	505		6P	R. E. Schleifer	[illegible]
Newark 7 E	[illegible]	Kendall	1	41 32	88 27	707		6P	[illegible]	
[illegible]	[illegible]	[illegible]	4	41 11	[illegible]	548		8A	Corps of Engineers	3
[illegible]	[illegible]	[illegible]	4	41 10	91 00	571		7A	H. D. Harris	3
[illegible]	6093	Johnson	5	37 35	88 46	560	7P	7P	Miss Mae McCabe	2 3 5
[illegible]	6159	[illegible]	7	39 00	88 10	513	6P	6P	James W. Wells Jr.	2 3 4 5
[illegible] Radio Station	[illegible]	Richland	7	38 42	88 04	472	5P	5P	Radio Station WVLN	2 3 5 7
Oregon	6490	Ogle	6	42 01	89 20	700		MID	Carnation Company	3 4
[illegible]	[illegible]	Ogle	6	42 01	89 20	702		8A	Alan Grant	3
Ottawa	[illegible]	La Salle	1	41 22	88 50	474	7P	7P	John A. [illegible]	2 3 5 7
Palestine	6558	Crawford	7	[illegible]	87 37	514	7P	7P	H. M. Caddis	2 3 5
[illegible]	6579	Christian	2	39 23	89 05	696	[illegible]	7P	C. E. Schumacher	2 3 5
[illegible]	[illegible]	Edgar	7	39 37	87 41	735		MID	City of Paris	3 4
[illegible]	[illegible]	Edgar	7	39 38	87 42	739	7P	7P	City of Paris	2 3 5
[illegible]	6661	[illegible]	1	41 41	88 59	928		5P	W. A. Woods	3
[illegible]	6670	Adams	4	[illegible]	[illegible]	640		8P	Edith A. Robbins	3
[illegible]	6706	Peoria	1	40 37	89 39	445		MID	Corps of Engineers	3 4
Peoria WB Airport	6711	Peoria	1	40 40	89 41	[illegible]	MID	MID	U.S. Weather Bureau	2 3 4 5 7
[illegible]	[illegible]	Will	1	41 20	87 48	[illegible]		2P	Miss Mina Cuti	3
[illegible]	6760	[illegible]	1	40 01	89 51	524		[illegible]	Frank B. Rainey	3
[illegible]	[illegible]	Ford	1	40 45	88 11	[illegible]		MID	Isaac B. Griffith	3 4
Pittsfield Water Wks.	6833	Pike	4	39 39	90 48	724		MID	Raymond [illegible]	3 4
Pleasant Hill 2 E	[illegible]	Pike	4	39 27	90 50	540		6P	Lou Galloway	3
[illegible]	[illegible]	Livingston	1	40 53	88 37	647	6P	6P	Roger Williams	2 3 5 7
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		MID	Lewis [illegible]	3 4
Princeton 1 S	6996	Bureau	1	41 21	[illegible]	700		MID	Miles W. Bryant	3 4
[illegible]	7004	[illegible]	1	40 57	[illegible] 17	745		[illegible]	Frank S. Stewart	3
[illegible]	[illegible]	Whiteside	6	41 40	89 56	[illegible]		MID	Ill Northern Ut Co	3 4
[illegible]	7067	[illegible]	4	39 57	91 24	601	7P	7P	A. H. Gibson	2 3 5
Quincy CAA AP	7072	Adams	4	[illegible]	91 11	670	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
[illegible]	7077	Adams	4	39 54	91 26	483		8A	Corps of Engineers	3 4
[illegible] Memorial Bridge	7082	Adams	4	39 56	[illegible] 24			7A	Melvin Brinkoetter	3
[illegible] AF Base	7150	Champaign	7	40 18	88 09	744	MID	MID	U. S. Air Force	2 3 4 5 7
Red Bud	7157	Randolph	[illegible]	38 13	[illegible]	444		5P	Dr. H. Le Saulnier	3
Richview	[illegible]	Washington	2	38 22	[illegible] 11	544		MID	Mrs. Mabel F. Martin	[illegible]
[illegible]	7336	[illegible]	7	40 40	88 11	786	7P	7P	R. E. Bradbury	2 3 5 7
[illegible]	7349	Ogle	6	41 55	89 04	798		3P	California Pkg Corp	3
[illegible]kford	7375	Winnebago	6	42 15	89 05	[illegible]	6P	6P	F. W. Knowlton	2 3 5
[illegible]	[illegible]	Winnebago	[illegible]	[illegible] 17	[illegible]	850		[illegible]	Mrs. D. S. Cummings	3 6
[illegible] AP	[illegible]	Winnebago	6	42 21	89 03	[illegible]	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
[illegible] Island [illegible] 15	[illegible]	[illegible]	4	41 31	90 34	568		[illegible]	Corps of Engineers	[illegible]
Rockport	[illegible]	Pike	4	39 32	[illegible]	470		[illegible]	[illegible]	3
Rushville	7551	Schuyler	1	40 07	[illegible] 34	[illegible]	[illegible]	[illegible]	[illegible] Bros Greenhse	2 3 5
Ste Marie*	[illegible]	Jasper	7	38 56	88 [illegible]	448		7A	Judson E. Cameron	3
[illegible]alem	7636	Marion	2	38 37	88 57	544		[illegible]	Frank G. Brown	3
[illegible]	[illegible]	Gallatin	5	37 43	88 10	350		[illegible]	Jake H. Stewart	[illegible]
Sidell	[illegible]	Vermilion	7	39 55	87 49			7A	Gary Lane	3
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		MID	Chgo Sanitary Dist.	3 4
[illegible]	8147	Randolph	4	38 08	89 42	538	6P	6P	Howe V. Morgan	2 3 5 7
Springfield WB Airport	8179	Sangamon	1	39 50	89 40	[illegible]	MID	MID	U.S. Weather Bureau	2 3 4 5 6 7
Springfield WB City	[illegible]	Sangamon	1	39 48	89 39	[illegible]	MID	MID	U.S. Weather Bureau	2 3 4 5
[illegible]	[illegible]	[illegible]	1	41 49	87 46	636		MID	Chgo Sanitary Dist.	3 4
[illegible]	8293	Jo Daviess	4	42 21	90 00	[illegible]	5P	5P	E. A. Curtiss	2 3 5 7
Streator	[illegible]	[illegible]	1	41 07	88 50	625		[illegible]	J. F. Prafcke	3
Sullivan Water Works	8389	[illegible]	2	39 34	88 37	686		MID	A. B. Fultz	3 4
Sycamore	8452	De Kalb	6	41 59	88 41	840	8P	[illegible]	Frank C. Dean	2 3 5 7
[illegible]	8460	Fulton	1	40 22	90 26	[illegible]	7P	7P	C. A. Hammond	2 3 5 7
Taylorville	[illegible]	Christian	[illegible]	[illegible]	[illegible] 18	[illegible]		6P	John W. Coale	3
Tiskilwa	[illegible]	Bureau	1	41 18	[illegible]	512		[illegible]	Orville L. Weaver	3
[illegible]	8630	Stark	1	41 06	89 52	752		[illegible]	Ernest R. Robson	3
Tuscola	[illegible]	Douglas	7	39 48	88 17	653	6P	6P	[illegible]	2 3 5 7
[illegible]	8740	Champaign	7	40 08	88 13	743	7P	7P	State Water Survey	2 3 5
[illegible]	[illegible]	Champaign	7	40 06	88 15			MID	U.S. Soil Cons Serv	3 4
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730		[illegible]	State Water Survey	3 6
[illegible] Dam	8756	La Salle	1	41 19	88 59	464		7A	Corps of Engineers	3
Vandalia	8781	Fayette	2	38 58	[illegible]	[illegible]		9A	Ernest F. [illegible]	3 4
Virden	[illegible]	Macoupin	1	39 30	89 46	[illegible]	6P	6P	E. M. Watkins	[illegible] 3 5
[illegible]	[illegible]	[illegible]	6	41 33	89 35	714	[illegible]	6P	Carl F. Nelick	2 3 5
[illegible]	8976	Hancock	4	40 21	91 26	490		5P	Charles Ewing	3
Washington	8990	Tazewell	1	40 42	[illegible]	740		MID	Willis A. Sullivan	3 4
[illegible]	9002	Monroe	4	38 20	[illegible]	717		4P	E. H. Wolf	3
[illegible]	9010	De Kalb	1	41 46	88 46	779		MID	Wm. Ray Clarke	3 4
[illegible]	[illegible]	Iroquois	1	40 46	87 44	[illegible]	7P	7P	Benjamin Jordan	2 3 5
[illegible]	[illegible]	Lake	[illegible]	42 [illegible]	[illegible]	668	7P	7P	R. W. Flagg	2 3 5
[illegible]	9040	Wayne	7	38 21	98 35	385		7A	Paul F. Nichols	3
[illegible]	9090	Marshall	1	41 03	89 03	700		MID	Leonard H. Foley	3 4
West Frankfort [illegible]	9140	Franklin	4	37 54	88 [illegible]	480		MID	Ill State Wtr Surv	3 4
Wheaton College	9221	Du Page	1	41 52	88 06	753		6P	Wheaton College	2 3 5
White Hall 1 E	9241	Greene	1	39 26	90 23	578	5P	5P	Oscar Watt	2 3 5 7
[illegible]	9274	Clay	7	38 38	88 18			7A	[illegible] Routt	[illegible]
Windsor	9354	Shelby	2	39 26	[illegible]	685	6P	6P	Nina M. Ryherd	2 3 5

NEW STATIONS

Station	Index No	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
[illegible]	4805	Marshall	1	41 02	89 25	480	6P	6P	O. D. Deffenbaugh	2 3 5
Yates City	9816	Knox	1	40 47	90 01			8A	Ora L. Bell	3 4
*Arlington Heights [illegible]	0247	[illegible]	1	42 02	87 58	704		4P	George A. Honemann	3

* Station name changed from Des Plaines 1 NW to Arlington Heights. No change was made in instrument exposure.

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

-	No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 15 cents per copy; monthly and annual, $1.50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 804 Fidelity Building, Kansas City 6, Missouri.

CORRECTIONS

December 1949, Griggsville, Table 2, delete total precipitation, departure, greatest day and date, number of days with .01 or more, number of days with .25 or more, and number of days with 1.00 or more.

Griggsville, Table 3, 13th day should be missing. Delete monthly total.

June 1950, Table 2, temperature departure for Central Division should be -1.2.

August 1950, Hutsonville, Table 3, 31st day should be .80 and total 3.36.

Chicago University, Table 2, mean temperature should be 69.9 and departure -1.7.

Chicago University, Table 5, minimum temperature for the 17th should be 65 and the mean minimum 62.6.

November 1950, Chicago WB City, Table 2, mean temperature should be 36.5, departure -4.7, and degree days 848.

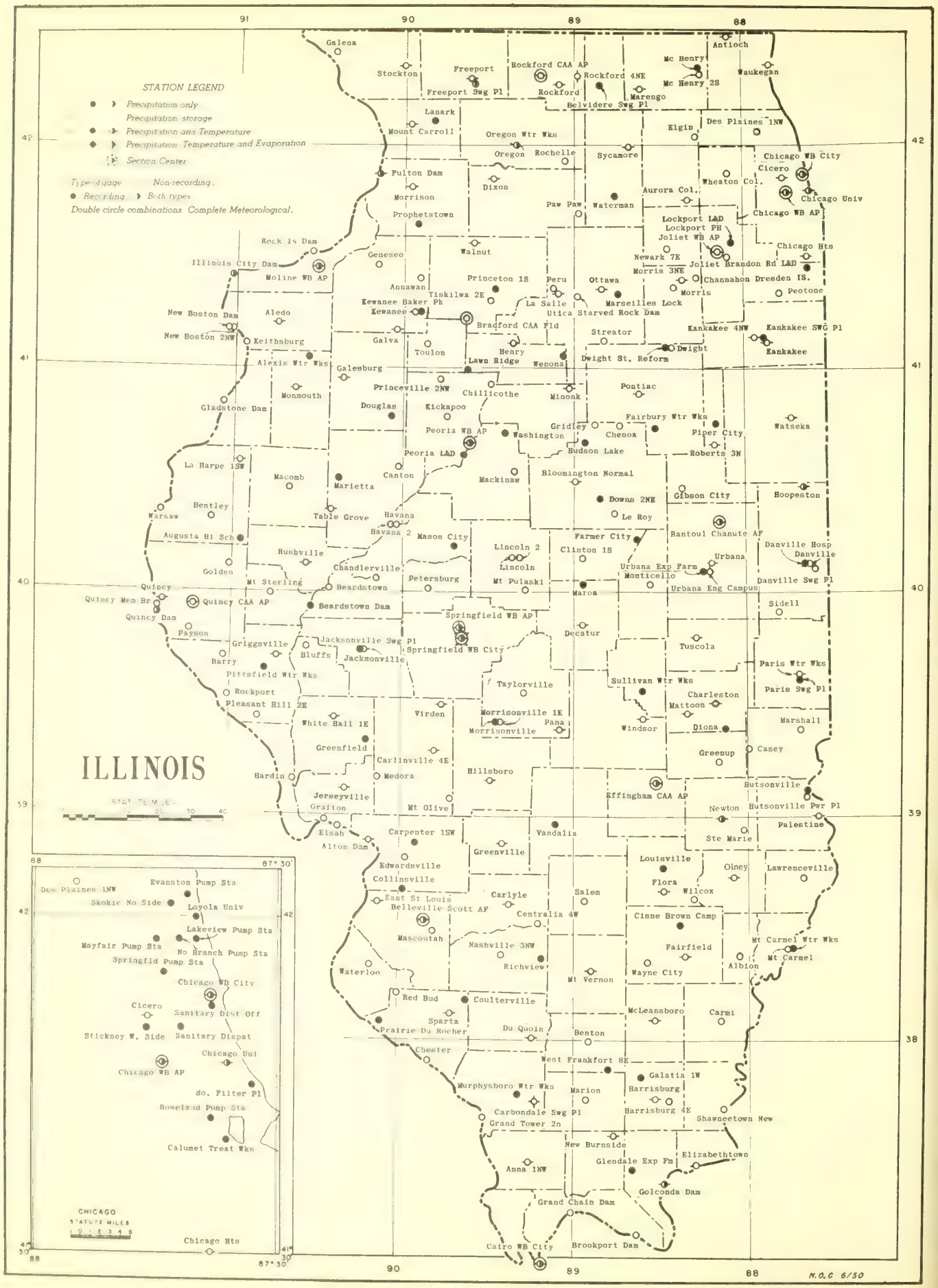
Chicago WB City, Table 5, on 24th maximum should be 8 and the mean maximum 42.9.

Augusta, Table 3, 23rd should be .05 and total .80.

Augusta, Table 4, 23rd should be .02 at 2 A.M., .01 at 3 A.M., and .02 at 4 A.M.

Hourly precipitation for Lawn Ridge should be published under the name of Edelstein.

W.B.O., Kansas City, Mo. -- 2-9-51 -- 1160


STATION LEGEND
Precipitation only
Precipitation storage
Precipitation and Temperature
Precipitation Temperature and Evaporation
Section Center
Type of gage Non-recording.
Recording Both types
Double circle combinations Complete Meteorological.
ILLINOIS
STATUTE MILES
CHICAGO
STATUTE MILES
Galena
Stockton
Freeport
Freeport Swg Pl
Rockford CAA AP
Rockford
Rockford 4NE
Belvidere Swg Pl
Marengo
Mc Henry
Mc Henry 2S
Antioch
Waukegan
Lanark
Mount Carroll
Oregon Wtr Wks
Oregon
Rochelle
Sycamore
Elgin
Des Plaines 1NW
Chicago WB City
Cicero
Wheaton Col.
Chicago Univ
Fulton Dam
Dixon
Morrison
Aurora Col.
Paw Paw
Waterman
Chicago WB AP
Prophetstown
Lockport L&D
Lockport PH
Joliet WB AP
Rock Is Dam
Walnut
Chicago Hts
Illinois City Dam
Geneseo
Newark 7E
Joliet Brandon Rd L&D
Moline WB AP
Morris 3NE
Channahon Dresden IS.
Annawan
Princeton 1S
Peru
Ottawa
Morris
Peotone
Tiskilwa 2E
Kewanee Baker Pk
Kewanee
La Salle
Marseilles Lock
Utica Starved Rock Dam
New Boston Dam
Aledo
Bradford CAA Fld
Streator
Kankakee 4NW
Kankakee SWG Pl
New Boston 2NW
Keithsburg
Galva
Toulon
Henry
Dwight
Kankakee
Alexis Wtr Wks
Lawn Ridge
Wenona
Dwight St. Reform
Galesburg
Princeville 2NW
Chillicothe
Minonk
Pontiac
Monmouth
Gladstone Dam
Douglas
Kickapoo
Fairbury Wtr Wks
Watseka
Peoria WB AP
Gridley
Chenoa
Piper City
Washington
Peoria L&D
Hudson Lake
Roberts 3N
La Harpe 1SW
Macomb
Canton
Mackinaw
Bloomington Normal
Marietta
Downs 2NE
Gibson City
Hoopeston
Bentley
Warsaw
Table Grove
Havana
Le Roy
Augusta Hi Sch
Havana 2
Mason City
Farmer City
Rantoul Chanute AF
Danville Hosp
Rushville
Lincoln 2
Clinton 1S
Urbana
Danville
Golden
Chandlerville
Lincoln
Urbana Exp Farm
Monticello
Mt Sterling
Petersburg
Mt Pulaski
Danville Swg Pl
Quincy
Beardstown
Maroa
Urbana Eng Campus
Quincy Mem Br
Quincy CAA AP
Beardstown Dam
Sidell
Quincy Dam
Springfield WB AP
Payson
Decatur
Griggsville
Jacksonville Swg Pl
Springfield WB City
Tuscola
Barry
Bluffs
Jacksonville
Paris Wtr Wks
Pittsfield Wtr Wks
Sullivan Wtr Wks
Taylorville
Paris Swg Pl
Rockport
Charleston
Pleasant Hill 2E
Mattoon
Virden
Morrisonville 1E
Windsor
Marshall
White Hall 1E
Morrisonville
Pana
Diona
Greenfield
Carlinville 4E
Greenup
Casey
Hardin
Medora
Hillsboro
Jerseyville
Effingham CAA AP
Hutsonville
Grafton
Mt Olive
Newton
Hutsonville Pwr Pl
Palestine
Elsah
Carpenter 1SW
Vandalia
Ste Marie
Alton Dam
Greenville
Louisville
Edwardsville
Olney
Lawrenceville
Collinsville
Flora
Wilcox
East St Louis
Carlyle
Salem
Belleville Scott AF
Centralia 4W
Cisne Brown Camp
Mascoutah
Fairfield
Mt Carmel Wtr Wks
Nashville 3NW
Albion
Mt Carmel
Richview
Waterloo
Mt Vernon
Wayne City
Red Bud
Coulterville
McLeansboro
Carmi
Sparta
Prairie Du Rocher
Du Quoin
Benton
Chester
West Frankfort 8E
Galatia 1W
Murphysboro Wtr Wks
Marion
Harrisburg
Carbondale Swg Pl
Harrisburg 4E
Shawneetown New
Grand Tower 2n
New Burnside
Elizabethtown
Anna 1NW
Glendale Exp Fm
Golconda Dam
Grand Chain Dam
Cairo WB City
Brookport Dam
Evanston Pump Sta
Des Plaines 1NW
Skokie No Side
Loyola Univ
Lakeview Pump Sta
Mayfair Pump Sta
No Branch Pump Sta
Springfld Pump Sta
Chicago WB City
Cicero
Sanitary Dist Off
Stickney W. Side
Sanitary Dispat
Chicago Uni
Chicago WB AP
So. Filter Pl
Roseland Pump Sta
Calumet Treat Wks
Chicago Hts
N.O.C 6/50

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CLIMATOLOGICAL DATA

ILLINOIS

ANNUAL SUMMARY 1950

Volume LV No. 13

KANSAS CITY: 1951

ILLINOIS - 1950

Paul F. Sutton, Section Director - Springfield

WEATHER SUMMARY

Considering the entire year of 1950, weather in Illinois was cold and wet. Temperatures during the first 2 months were mild and precipitation was heavy, resulting in floods in the south; but practically all of the spring and summer months were unusually cool. Precipitation for this period averaged fairly close to the normal. The cool weather continued into the fall, with precipitation below normal, except October was unusually mild and quite dry. The year ended with a very cold December, with less than the normal precipitation but an unusually large amount of snow.

Crops got off to a late start because of wet weather and did not make a rapid recovery during the summer due to cold temperatures and inadequate sunshine. However, fine growing weather during most of October brought vegetation to maturity, and crops turned out better than had been expected early in the season.

WEATHER BY MONTHS - 1950

JANUARY - This month was mild and wet. Precipitation, mainly in the form of rain, averaged heavier than any January in the 61 years of State-wide records. Temperatures averaged well above normal to bring the warmest January since 1939. Due to high temperatures snowfall was much below the amount normally expected. Flood and storm damage was rather heavy. Flood damage along the Wabash, Saline, Embarrass, and Ohio Rivers, was estimated at $1,845,000. Tornado damage during the month accounted for damage estimated at $225,000.

FEBRUARY - The prevailing trend of wet weather continued during this month, with precipitation much above normal. It was the wettest February since 1909, with the heaviest amounts occurring in the south, where the floods of the preceding month continued. Mean temperatures were a little above normal, with rather mild weather the first half and mostly sub-normal the latter half. Snowfall was heavy in northeastern sections, but many of the southernmost counties reported only a Trace during the entire month. A severe ice storm struck the northern quarter of the State on the 13th, causing an estimated $3,500,000 damage, mostly in the Chicago area. The flood waters which developed in January, receded but little during the month; but no new areas were flooded, and additional flood damage during the month brought the total for both January and February above the $2,000,000 mark.

MARCH - March brought a change from the mild, wet weather of the two preceding months of the year, with both temperature and precipitation averaging below normal. This was the first month since September 1949 to be colder than normal. Rivers receded from the high levels prevailing during the two preceding months, and storm damage was light. Two small tornadoes hit rural sections of Champaign County on the 26th, but estimated damage was only $2,000.

APRIL - The trend toward below-normal temperatures, which began in March, continued during this month to bring the coldest April in 43 years. However, precipitation totals for the State averaged much above normal. April's low temperatures and heavy precipitation retarded field work for the beginning of the crop season. Vegetation in general was retarded, and the condition of winter grains was reported below average. An ice storm which covered most of the northern quarter of the State on the 9th, Easter Sunday, accounted for property losses estimated at $1,500,000.

MAY - This month was somewhat warmer and, except in the extreme south, much drier than normal. Precipitation was lighter than any May since 1934 in the northern third, and since 1939 in the central portion. Crop prospects improved during the month, but they were still below normal. Oat sowing was completed by the middle of the month, after being delayed by wet weather in April. Widespread high winds developed over the northern half of the State on the 5th. Winds of 60 miles per hour were common in the north, with gusts to 80 miles per hour, and blowing dust made driving hazardous. Damage from this windstorm was minor but widespread, with total property losses estimated at $500,000.

JUNE - Temperatures during June were a little cooler than average, and most of the State received considerably more rainfall than normally falls during the month. The average total rainfall for the northern third was greater than any previous June since 1924. Crops were developing satisfactorily as the month ended. The only weather-caused damages reported were from fires, which resulted from lightning, at some local points in the north and from local flooding due to thunderstorm rains; these damages totaled $100,000.

JULY - The month was quite cool with temperatures averaging lower than in any July since 1924. The month's precipitation averaged above normal. Highest temperature recorded at any station during the month was 98°, which was the lowest July maximum in the 61-year record of State-wide observations. Temperatures of 100° or higher usually occur during July, but the prevailing cool weather prevented their occurrence in July 1950. Despite the cool weather, crops made satisfactory progress although their development was somewhat behind that of last year at the end of July. No destructive storms or floods were reported.

AUGUST - Cool weather continued during August. The mean temperature was the lowest since 1927. Rainfall was deficient in most of the northern two-thirds, but the southern third received heavy rains, reversing the distribution pattern of the preceding two months. As in July, temperatures of 100° or higher are common during this month, but the highest recorded in the State was 96°. Crops continued to develop, and the unfavorable coolness prevailing thus far during the growing season was probably offset by less-than-normal insect and disease damage. No storms or floods of consequence occurred during the month.

SEPTEMBER - September was rather cool, but temperatures averaged much closer to normal than in July and August. Most northern and west-central areas were drier than normal, but the reverse was true for the remainder of the State. Corn and soybeans were a little behind normal development at the close of the month, and a considerable portion of winter grain acreage had been sown. Some local damage was reported from hail during the month, but no major storm damage occurred.

OCTOBER - This month was quite warm, sunny, and dry, and was the first month since June to show an average temperature in excess of normal. Since 1890 only four other Octobers exceeded this month's average temperature. Precipitation was less than half of the month's normal, and much of the State received less than an inch of rain during the entire period. Unseasonably warm weather at the end of the month brought new maximum temperature records for so late in the season to a number of points. Most harvesting operations were completed during the month, and winter grains got off to a good start. Killing frost occurred over much of the State on the 25th, but practically all crops were matured and no appreciable frost damage was reported. Other than a few locally severe thunderstorms, no damaging storms developed during the month.

NOVEMBER - Temperatures during November were well below normal, with the month being colder than any November since 1911. The warm weather at the close of the preceding month continued into the early part of November, setting new maximum temperature records for November at a number of points. However, after the first few days, much colder weather moved into the State and prevailed for the remainder of the month. The cold intensified as the month progressed, culminating in new low records for so early in the season at a number of points on the 24th and 25th. Precipitation averaged slightly above normal for the month, with large amounts falling near the Ohio and Wabash Rivers. The season's first snow fell in northern and central sections on the 3d and 4th. Harvesting operations progressed during the month under conditions not very favorable because of the cold weather. No storms of consequence were reported.

DECEMBER - Unseasonably low temperatures prevailed most of the month, bringing the State its coldest December since 1917. Precipitation during the month was below normal. Most of the precipitation fell as snow, which totaled more than twice the December average. Cold weather and snow limited field work, but the snow cover was favorable for winter grains. Three tornadoes, coupled with a damaging hailstorm, did much damage in southern sections on the 2d. Total damage was close to one million dollars.--PFS

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

Table I

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp.	Departure	Temp	Departure	Temp	Departure
Aledo	28.6	5.0	26.9	.4	34.2	- 4.7	44.8M	- 5.7	63.2	1.5	70.1	- .6	71.8	- 4.0	68.8	- 4.5	65.1	- .9	60.8	6.7	35.4	- 4.8	20.5	- 6.8	49.2	- 1.5
Alton Dam 26	35.9		35.0		39.7		50.3		66.3		73.8		75.6		72.6		67.5		62.7M		37.5M		27.4		53.7	
Anna 1 NW	41.6	6.6	39.4	2.0	43.4	- 4.3	51.1	- 6.1	67.3	.9	73.6M	- 1.5	74.3	- 5.0	71.7M	- 5.8	67.2	- 4.5	64.2	4.0	40.6	- 7.3	31.7	- 5.3	55.5	- 2.2
Antioch	26.6	5.5	24.2	1.1	29.5	- 5.3	40.7	- 5.4	57.7	.1	66.8	- .7	69.2M	- 4.0	66.6	- 4.2	61.7	- 2.1	56.8	5.1	33.4	- 4.5	17.2	- 8.0	45.9	- 1.8
Aurora College	29.5	6.5	25.1	.0	32.4	- 4.3	42.2	- 5.8	60.2	1.2	67.7M	- .5	70.3	- 3.2	68.2	- 3.1	62.7	- 1.2	57.0	5.1	32.8M	- 6.3	17.0	- 9.4	47.1	- 1.7
Belleville Scott AF Base	39.2	7.7	36.8	3.4	41.3	- 3.1	50.9	-	66.6	-	73.8	-	75.4	-	71.5	-	66.5	-	62.9	-	38.3	-	28.5M	-	54.3	
Bloomington Normal	33.0	6.8	29.1	.4	37.0	- 3.3	45.9	- 5.6	64.9	2.3	71.7	- .2	73.1	- 3.4	70.6	- 3.7	66.8	- .5	61.6M	6.4	36.3	- 5.3	21.7M	- 7.6	51.0	- 1.1
Cairo WB City	44.8	9.9	42.3	3.8	45.1	- 2.6	56.3	- 2.9	70.4	1.0	77.3	.0	77.0	- 3.6	74.6	- 4.2	69.2	- 3.3	66.2	5.7	42.9	- 4.4	34.0	- 3.8	58.4	- .3
Carbondale Sewage	42.1	7.2	39.9	2.6	44.7	- 2.9	53.5	- 3.7	67.7	1.0	74.3	- .8	74.4	- 5.0	72.8	- 5.1	67.7	- 3.7	64.1	4.8	41.4	- 5.8	31.7	- 5.2	56.2	- 1.4
Carlinville 4 E	35.3	5.6	33.4	1.0	38.5	- 5.1	48.0	- 5.8	64.5M	.6	71.3	- 1.6	72.5	- 5.2	70.0	- 5.9	66.2	- 2.8	60.7	3.6	37.1M	- 6.8	24.8	- 7.6	51.9	- 2.5
Carlyle	38.8	7.2	36.2M	2.2	41.8M	- 3.3	51.9M	- 3.1	67.2M	2.4	74.8M	1.2	74.3	- 3.7	71.3	- 4.9	67.6	- 2.1	-	-	-	-	-	-	-	-
Charleston	39.2M	9.8	33.4M	1.8	40.1	- 2.6	48.3M	- 4.6	66.8M	3.1	72.6	- .1	73.3	- 3.9	71.8M	- 3.3	-	-	61.1	4.7	41.1M	- 2.3	23.1	- 8.8	-	-
Chicago Heights	-		26.7		-		42.4		60.2M		68.7M		70.9M		69.2		63.0M		57.4		33.1M		-		-	
Chicago University	30.6	6.9	27.7	1.4	33.1	- 2.2	41.4	- 5.5	58.1	.6	67.9	.6	71.5	- 1.0	69.9	- 1.7	64.2	- 1.0	59.6	5.6	35.9	- 4.2	22.2	- 6.6	48.5	- .6
Chicago WB AP	29.4	7.1	26.3	1.4	32.9	- 1.6	41.5	- 5.4	60.5	2.7	69.1	1.0	72.3	- .4	70.0	- 1.6	64.9	.0	59.0	5.5	34.3	- 3.8	19.6	- 7.3	48.3	- .1
Chicago WB City	31.9	6.8	28.7	1.2	33.7	- 2.6	42.5	- 5.2	58.7	.2	69.3	1.1	73.4	- .5	70.9	- 1.9	65.6	- .7	60.7	5.6	36.5	- 4.7	23.6	- 6.4	49.6	- .6
Cicero	31.2	6.4	27.6	.9	33.9	- 3.9	43.1	- 5.7	61.4	1.3	69.4	.1	72.4	- 2.4	70.4	- 2.3	65.0	- .7	59.7	5.6	36.2	- 4.7	21.2	- 7.2	49.3	- 1.0
Danville	35.4	7.7	30.5	.6	37.2	- 3.0	46.7	- 3.7	64.3	3.0	70.4	.0	72.6	- 2.5	70.6	- 2.1	65.5	- .3	59.8	6.2	36.2	- 5.8	22.1	- 7.8	51.0	- .6
Decatur	34.7	6.6	31.6	1.1	38.2	- 3.6	47.0	- 5.4	65.9	2.5	71.7	- .9	73.1	- 4.1	70.5	- 4.6	66.5	- 1.7	61.1	4.9	36.2	- 6.7	22.9	- 8.1	51.6	- 1.7
Dixon	27.6	5.6	24.8	.2	32.1	- 4.8	42.2	- 6.8	62.0	1.6	68.5	- 1.0	70.1	- 4.4	68.3	- 4.0	63.3	- 1.4	57.3	4.8	33.3	- 5.6	18.1	- 7.8	47.3	- 2.0
Du Quoin	41.1	7.4	39.1	3.0	43.8	- 2.7	52.8	- 3.4	67.5	1.3	74.6	- .3	74.8	- 4.3	72.9	- 4.6	67.8	- 3.1	64.3	5.2	40.5	- 6.0	31.1	- 4.7	55.9	- 1.0
East St Louis	39.7	6.5	38.3	2.4	43.1	- 3.3	53.3	- 3.4	68.3	1.6	75.1	- .3	76.5	- 4.1	73.0	- 5.4	68.3	- 2.9	64.1	4.5	40.0M	- 7.1	30.3M	- 5.5	55.8	- 1.4
Effingham CAA AP	37.2	8.4	33.6	2.7	38.4	- 3.4	47.3	- 4.5	64.5	2.2	70.1	- 1.7	71.7	- 4.6	69.4	- 4.9	65.1	- 2.2	60.1	4.7	36.1	- 6.3	22.6	- 8.3	51.3	- 1.5
Elizabethtown	43.0		40.8		45.5		54.5		68.6		74.1		74.7M		72.8		68.6		64.4		41.5		32.6		56.7	
Fairfield	40.5M	7.4	37.7	2.4	-	-	52.4M	- 3.4	67.8	2.2	73.8	- .7	-	-	73.0	- 4.3	68.3	- 2.6	-	-	-	-	29.1	- 6.1	-	-
Flora	40.8	9.3	37.3	3.3	42.5	- 2.3	-	-	68.1M	3.4	74.2	.7	74.8	- 3.2	72.7M	- 3.3	68.1	- 1.2	60.6M	3.0	41.3M	- 3.5	28.0M	- 5.9	-	-
Freeport	24.0	4.0	23.0	.2	30.3	- 4.7	41.8	- 5.8	59.8	.9	67.5	- .5	68.8	- 4.5	66.7	- 4.0	61.2	- 2.0	55.1	3.8	32.0	- 5.6	15.1M	- 9.1	45.4	- 2.3
Fulton Dam 13	27.3	6.1	24.8	1.2	31.7	- 3.9	41.3	- 7.0	60.5	.8	69.4	.7	71.4	- 3.2	69.0	- 2.7	64.3	- .5	58.5	5.5	35.3	- 3.7	19.3	- 6.7	47.7	- 1.1
Galesburg	28.7	*	26.9		34.5		44.8		63.5		70.4		73.1		70.3		66.0		60.2		35.1		20.5M		49.5	
Galva	29.1	5.9	26.7	.8	34.4	- 3.6	44.5	- 5.0	62.8	1.6	69.9	- .7	72.0	- 3.7	69.0	- 4.2	65.4	- .5	59.5	5.5	35.0	- 4.8	20.2	- 6.6	49.0	- 1.3
Golconda Dam 51	42.4	8.2	39.2	3.2	42.8	- 3.7	52.8	- 3.2	68.8	2.8	72.7	- 2.0	74.4	- 4.8	71.9	- 5.4	66.9	- 4.5	63.7	4.6	40.5	- 6.2	31.0	- 5.2	55.6	- 1.3
Greenville	37.9	7.3	35.0M	1.9	40.7	- 3.6	50.3	- 4.3	65.4M	.6	71.7	- 1.7	-	-	70.4	- 6.1	66.0	- 3.8	62.3	4.5	38.1	- 6.6	27.0	- 6.2	-	-
Griggsville	31.6	3.1	31.8	.5	37.6	- 5.3	47.2	- 6.5	65.0	.9	71.4	- 1.8	72.3	- 5.8	70.3	- 5.6	65.9	- 2.7	62.5	5.4	36.1	- 7.6	23.8	- 7.8	51.3	- 2.8
Harrisburg	42.8	7.3	39.7	2.1	44.3	- 3.8	52.8	- 4.7	68.0	.9	74.4	- 1.2	74.9	- 4.7	72.5	- 5.7	68.0	- 4.0	63.9	3.8	41.3	- 6.5	31.0	- 6.4	56.1	- 1.9
Havana	32.1	5.4	30.2	.6	37.7	- 3.8	47.2	- 5.6	65.2M	1.7	71.8	- .8	73.3	- 4.1	70.0	- 5.1	66.5	- 1.4	60.7	5.1	36.8	- 5.2	22.5	- 7.3	51.2	- 1.7
Hillsboro	37.3	7.1	34.6	1.8	40.6	- 3.4	49.9	- 3.9	65.7	1.6	71.6	- 1.5	72.6	- 5.2	70.2	- 5.8	65.9	- 3.2	61.2	3.7	37.1	- 7.3	25.6	- 7.2	52.7	- 1.9
Hoopeston	34.0	7.2	28.6	- .3	35.7	- 4.4	44.8	- 6.0	63.1	1.1	69.7	- 1.5	72.2	- 3.5	69.5	- 3.9	65.0	- 1.7	58.8	4.2	35.1	- 6.4	20.0	- 9.4	49.7	- 2.1
Jacksonville	34.4	6.5	33.7	3.0	39.3	- 2.9	48.7	- 4.1	66.0	2.8	72.4	.1	73.1	- 3.8	70.3	- 4.7	66.1	- 1.8	61.3	5.1	37.0	- 5.9	24.3	- 6.7	52.2	- 1.0
Jerseyville	36.5	6.8	36.2	3.2	40.7	- 3.2	51.8	- 2.9	67.3	2.9	74.9	1.5	75.6M	- 2.6	72.6M	- 3.8	67.4	- 1.6	63.8	6.9	39.0	- 5.4	27.2M	- 5.5	54.4	- .3
Joliet WB AP	28.7	6.3	24.8	.0	32.4	- 3.8	41.4	- 5.3	60.0	1.4	67.7	- .1	70.8	- 3.2	68.7	- 2.6	63.3	- .5	56.9	5.3	33.2	- 5.5	16.7	- 9.2	47.1	- 1.4
Kankakee	31.7	6.5	26.2	- 1.1	34.6	- 4.2	43.8	- 5.7	61.6	1.1	69.7	- .2	71.8	- 3.2	70.0M	- 2.7	64.7	- 1.3	58.7	4.5	35.3	- 5.4	18.8	- 9.6	48.9	- 1.8
Kankakee 4 W	31.6		25.3		34.0		43.7		60.7		68.5		70.5		68.3		63.7		57.7		34.6		18.5		48.1	
Kewanee	27.4M	4.0	25.9	- .1	33.2	- 4.8	43.3	- 6.4	62.0	.6	69.8	- .7	72.1	- 3.4	69.0	- 3.7	64.5	- 1.0	58.5	5.2	32.5M	- 7.5	19.4	- 7.1	48.1	- 2.1
Lacon	30.3	5.1	26.4	- 1.3	34.3	- 5.4	44.3	- 6.8	63.4	1.4	70.4	- .9	73.0	- 3.2	70.3M	- 3.5	66.0	- .6	60.9	6.5	34.6	- 6.5	18.6M	-10.0	49.4	
La Harpe 1 SW	30.2M	4.9	29.4	1.3	36.6	- 3.7	46.9	- 4.6	64.4	2.1	70.5	- .7	72.0M	- 4.2	69.5	- 4.6	65.7	- 1.2	61.1	6.0	36.7M	- 4.6	21.6	- 7.2	50.4	- 1.4
La Salle	30.9	5.9	26.8	- .4	35.0	- 4.2	44.5	- 6.0	64.2	2.3	71.3	.0	72.8	- 3.3	70.8	- 3.0	66.0	- .8	59.3	4.6	35.2	- 5.8	20.4	- 8.1	49.8	- 1.5
Lincoln	32.8	5.5	30.2	.4	37.7	- 3.8	47.0	- 5.2	65.7	2.7	71.4	- .5	73.4	- 3.1	70.6	- 3.7	66.1	- 1.2	59.9	4.5	35.4	- 6.9	21.6	- 8.6	51.0	- 1.6
Marengo	26.1	5.2	23.7	.7	30.2	- 4.7	41.4	- 5.3	59.5	1.4	67.6M	- .1	69.4	- 3.8	67.1	- 3.9	62.5	- 1.1	56.6	5.1	32.5	- 5.4	15.7	- 9.0	46.0	- 1.8
Mattoon	35.6	6.6	31.7	1.2	37.4	- 5.1	46.6	- 5.2	64.5	-	69.9	-	72.5	-	69.6	-	65.1	-	60.0	-	35.6	-	21.5	-	50.8	-
Mc Leansboro	41.5	8.0	39.1M	3.3	44.1	- 2.4	53.3	- 2.4	68.1	2.3	74.4	- .2	75.4	- 3.6	72.7	- 4.7	68.3	- 2.7	64.2	5.1	40.9	- 5.5	30.1	- 5.7	56.0	- .7
Minonk	29.7M	4.9	26.8	- .4	35.0	- 4.0	44.4	- 5.7	63.3	2.0	70.5	- .2	72.7	- 2.8	69.0	- 4.4	64.6	- 1.8	59.7	5.4	34.8	- 5.8	19.8	- 8.2	49.2	- 1.7
Moline WB AP	25.9	5.7	24.7	1.2	32.9	- 1.9	43.6	- 5.2	62.0	1.7	69.6	.3	71.1	- 2.4	68.5	- 3.2	64.1	.2	59.2	7.2	33.8	- 3.7	19.1	- 6.6	47.9	- .5
Monmouth Airport	29.0	4.9	26.5M	- .7	34.4	- 4.9	44.3	- 6.5	62.5	.6	69.5	- 1.5	70.0	- 5.9	68.2	- 5.6	64.0	- 2.3	59.3	4.9	34.3M	- 6.1	19.5M	- 8.2	48.5	- 2.6
Morris 3 NE	31.1	6.9	25.3M	- 1.1	34.4	- 3.8	43.8	- 5.6	62.0	1.3	70.0	.3	71.4	- 3.7	69.4	- 3.3	64.3	- 1.4	58.4	4.8	35.1	- 5.3	17.5	-10.0	48.6	- 1.7
Morrison	26.7	4.4	24.9	- .2	32.6	- 4.9	43.9	- 5.6	62.2	1.6	69.6	- .1	71.7	- 3.0	69.1	- 3.2	64.7	- .4	58.7	5.4	34.3M	- 5.1	18.8	- 7.5	48.1	- 1.5
Morrisonville 1 E	36.4	7.6	33.1	1.8	39.3	- 3.0	48.2	- 4.4	64.2M	1.3	70.6	- 1.3	73.1	- 3.5	69.6	- 5.1	65.9	- 2.1	60.9	4.8	36.4	- 6.6	23.8	- 7.6	51.8	- 1.5
Mt Carmel	41.3	8.2	38.4	3.4	43.4	- 2.5	53.4	- 2.4	67.5	1.5	74.4M	- .3	-	-	75.7M	- 1.3	68.2	- 2.3	63.8	4.8	39.3	- 7.0	29.9	- 5.3	-	-
Mount Carroll	25.6	4.8	23.8	.3	31.4	- 4.5	43.0	- 5.1	60.9	1.5	68.5	.0	69.6	- 3.9	67.7	- 3.4	62.5	- 1.0	56.9	5.4	33.4	- 4.4	17.9	- 6.9	46.8	- 1.4
Mount Vernon 4 N	39.0	6.6	37.2	2.5	41.3	- 4.0	53.2	- 2.2	68.2	2.6	75.0	.6	76.0	- 2.9	74.7M	- 2.5	66.8	- 3.7	63.1	4.7	39.1	- 6.4	28.2	- 6.5	55.1	- 1.0
New Burnside	41.5	6.9	38.9	2.0	42.8M	- 4.6	52.7	- 3.5	66.5	.7	72.3	- 2.1	73.0	- 5.5	70.6	- 6.4	66.0	- 4.9	62.7	3.2	38.7M	- 8.5	30.7	- 5.9	54.7	- 2.4
Newton	37.2	6.9	34.2	1.6	40.7M	- 2.2	49.8	- 3.4	66.5	3.3	72.0	- .2	73.5	- 2.5	70.7	- 4.1	66.3	- 2.3	59.7	3.3	38.0	- 5.4	26.1	- 6.7	52.9	- 1.0
Olney Radio Station	40.7	8.7	37.2	3.1	42.6	- 1.7	51.3	- 3.3	67.4	2.5	73.4	- .3	74.1	- 4.0	71.2	- 5.1	67.1	- 2.8	61.9	4.1	38.9	- 6.1	26.8	- 7.4	54.4	- 1.0
Ottawa	30.8	5.9	26.8	- .5	35.1	- 3.8	44.3	- 6.2	63.7	2.0	70.8	- .1	73.5	- 2.4	71.4	- 1.9	65.4	- .8	60.2	6.1	36.0	- 4.9	20.8	- 7.3	49.9	- 1.2
Palestine	40.1	8.6	35.5	1.9	40.9M	- 3.5	49.4	- 4.9	66.1	1.3	71.5M	- 2.4	74.0	- 4.0	72.1	- 4.0	66.4	- 3.4	61.4	3.8	38.5	- 6.3	25.9	- 7.7	53.5	- 1.7
Pana	35.9	6.6	32.9	1.2	39.4	- 3.3	48.8	- 4.4	66.8	3.2	72.6	.0	74.4	- 3.0	71.6	- 3.8	67.2	- 1.5	61.9	5.0	37.0	- 6.5	24.5	- 7.3	52.7	- 1.2
Paris Water Works	37.4	8.9	32.4	2.0	39.0	- 2.6	47.7M	- 4.4	65.6	2.5	70.3	- 1.8	72.8	- 3.7	71.1	- 3.5	65.8	- 2.2	59.8	3.8	35.8M	- 7.1	-	-	-	-
Peoria WB AP	29.2	5.1	26.9	- .3	34.6	- 3.7	44.3	- 5.6	63.6	2.8	69.9	- .5	72.4	- 2.8	69.0	- 4.1	65.8	- .1	60.1	6.6	34.0	- 5.8	20.8	- 7.3	49.2	- 1.3
Pontiac	31.2	4.9	26.7	- 1.9	35.2	- 5.1	44.4	- 6.9	62.9	.4	69.1	- 2.8	71.4	- 5.5	68.7	- 5.7	64.5	- 3.0	58.9	3.3	34.6	- 7.4	19.5	- 9.9	48.9	- 3.3
Quincy	32.3	3.7	32.6	1.2	38.6	- 4.7	49.2	- 4.9	66.7	2.6	73.4	- .1	74.3	- 4.1	71.4	- 5.4	66.8	- 2.7	62.6	5.8	37.0	- 6.7	24.2	- 7.6	52.4	- 1.9
Quincy CAA AP	29.9		29.9		35.5		45.6		63.9		69.9		71.4		68.4		65.3		61.6		34.3		22.8		49.9	
Rantoul Chanute AF Base	31.9		28.6		3.52		44.4		63.5		69.8		73.1		69.9		65.6		60.5		35.0		19.7		49.8	
Roberts 3 N	31.8	6.0	26.6	- 1.2	34.2	- 4.8	43.6	- 6.3	62.3	1.3	69.6	- .8	71.8	- 3.5	69.2	- 3.9	64.6M	- 1.7	58.6	4.2	34.0	- 6.9	18.9	- 9.9	48.8	- 2.3
Rockford	26.7	5.2	24.9	1.1	31.1M	- 4.9	42.4M	- 5.7	61.4	1.8	69.1	.3	71.1	- 3.1	69.2M	- 2.7	62.5	- 1.9	57.8	5.5	34.4	- 4.2	18.0	- 7.4	47.4	- 1.3
Rockford CAA AP	23.7	4.9	22.6	.6	29.6	- 3.9	40.5	- 5.2	59.5	2.4	67.5	.4	69.8	- 3.1	67.1	- 3.7	61.3	- 1.3	56.0	6.0	31.6	- 4.8	15.1	- 7.7	45.4	- 1.2
Rushville	32.2	5.2	32.3	2.4	37.7	- 4.1	46.4	- 6.3	64.9	1.5	71.6M	- .7	73.3	- 3.9	70.2M	- 4.8	66.3M	- 1.6	62.5	6.3	36.8	- 5.5	24.1M	- 6.0	51.5	- 1.5
Sparta	40.4	6.9	38.4	2.4	43.4	- 3.3	53.3	- 3.0	67.6	1.7	74.3	- .4	75.2	- 4.0	72.8	- 4.6	67.8	- 3.2	64.8	5.4	40.8	- 5.9	31.2	- 4.5	55.8	- 1.1
Springfield WB AP	32.4	7.7	30.5	2.9	36.5	- 1.7	46.2	- 4.1	64.8	4.3	70.8	1.2	72.4	- 1.6	69.2	- 3.0	65.6	.8	61.0	7.4	34.6	- 5.3	23.1	- 6.6	50.6	.2
Springfield WB City	33.7	7.2	32.3	2.8	38.2	- 2.0	48.2	- 4.5	66.9	3.7	73.3	1.1	75.0	- 1.5	71.6	- 2.9	67.6	.0	63.1	7.3	36.5	- 5.7	24.5	- 7.2	52.6	- .1
Stockton	23.5		22.0		28.8		41.1		58.7		67.1		69.0		66.6		61.5		58.3		31.7		16.6		45.2	
Sycamore	26.0	4.5	23.6M	- .1	30.1M	- 5.5	40.9	- 6.4	59.8	1.1	68.0	- .2	70.1	- 3.3	68.0M	- 3.1	62.7	- .9	56.5	4.8	32.4	- 5.8	16.1	- 9.1	46.2	- 2.0
Table Grove	30.8	4.8	29.6	1.1	36.0	- 4.6	46.4	- 5.6	64.3	1.5	70.8	- 1.2	72.8	- 4.2	69.6	- 5.1	66.0	- 1.7	61.8	5.8	35.7	- 6.1	22.3	- 6.9	50.5	- 1.9
Tuscola	36.2		31.6		38.7		47.8		65.4		71.4		73.4		70.7		66.2		60.3		36.0		20.8		51.5	
Urbana	34.4	7.6	30.2	1.2	36.5	- 3.7	46.0	- 4.6	64.7	33.1	70.9	.0	73.0	- 2.7	70.0	- 3.4	65.5	- 1.1	60.3	5.4	36.0	- 5.5	21.3M	- 8.3	50.7	- 1.0
Virden	34.2		32.7		38.9		48.0		65.4		71.1		72.9		69.8		66.3		61.4		36.3		24.0		51.8	
Walnut	28.2M	4.7	25.6	- .3	33.7	- 4.4	43.4	- 6.6	63.3	1.7	70.2	- .7	72.5	- 3.4	70.2	- 3.0	64.7	- 1.0	59.0	5.5	35.2	- 4.8	19.3M	- 7.9	48.8	- 1.7
Watseka	33.4		27.8		35.5		44.9		62.9		69.9		72.2		70.0		64.4		58.3		35.4		19.[illegible]		49.5	
Waukegan	28.0	5.1	24.9	.5	30.6	- 4.8	40.5	- 4.7	55.7	.0	66.7	.8	69.0	- 2.7	66.9	- 3.3	61.8	- 2.2	57.4	5.5	34.2	- 5.0	[illegible]	- 8.2	46.2	- 1.6
Wheaton College	-		-		-		-		-		-		70.4M		68.7		63.8		58.0M		34.8		[illegible]		-	
White Hall 1 E	35.0	6.4	34.9	2.9	40.3	- 3.1	50.0	- 3.7	66.1	2.3	72.1	- .8	73.5	- 4.0	71.3	- 4.4	67.1	- 1.5	62.9M	6.2	37.8	- 5.7	26.1	- 5.9	53.1	- .9
Windsor	36.6	7.7	32.2	1.1	38.2M	- 4.0	47.8	- 4.7	64.8	1.9	71.1	- 1.0	72.6M	- 4.0	69.8	- 4.9	65.4	- 2.6	59.9	3.7	36.0M	- 6.9	22.3	- 9.2	51.4	- 1.9
Section Average	33.9	6.0	31.3	1.3	37.5	- 3.4	47.2	- 5.3	64.5	1.8	71.2	- .9	72.9	- 3.5	70.4	- 4.2	65.7	- 2.0	60.7	4.8	36.5	- 5.7	23.3	- 7.9	51.3	- 1.5

See reference notes following Station Index.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
Albion	14.78	11.05	6.63	4.25	3.66	- .50	6.69	3.03	5.46	1.45	3.03	-1.08	3.35	.02	6.76	3.21	4.54	1.16	1.22	-2.07	7.32	4.11	1.99	-1.20	65.43	23.43
Aledo	2.98	1.45	1.99	.64	1.32	-1.03	6.39	3.42	2.72	-1.50	7.34	2.97	4.38	.94	3.14	- .36	1.27	-3.04	0.60	-1.93	0.82	-1 29	1.25	- .22	34.20	.05
Alexis Water Works R	-	-	2.28	.78	1 26	-1 27	7.95	4.91	1.93	-2.26	-	-	6.09	2.41	2.58	- .81	1.41	-2.84	0.04	-2.55	0.71	-1.57	0.76	- .78	-	-
Alton Dam 26	7.73	5.31	2.75	.72	3.12	- .24	4.33	.44	2.94	-1.23	3.92	- .04	2.26	- .80	3.92	.34	2.36	-1.32	1.13	-2.04	2.45	- .13	0.47	-1.76	37.40	- .75
Anna 1 NW	16.55	12.63	6 20	3.27	4.77	.37	8.96	4.36	4.57	.31	3.10	-1.12	2.89	- .53	11.28	7.37	4.51	.62	1.84	-1.73	4.99	1.37	1.80	-1.74	71.46	25.18
Annawan	2 22	.58	1.62	.08	1.15	-1.42	6 57	3.67	1.99	-2.15	-	-	-	-	-	-	-	-	0.94	-1.72	0.71	-1.53	-	-	-	-
Antioch	3.03	1.38	-	-	2.61	.33	5.30	2.52	1.06	-2.61	7.05	3.57	5.29	2.16	3.53	.38	1.88	-2 15	0.65	-2.07	0.97	-1.13	3.25	1.65	-	-
Augusta R	-	-	1.60	.05	1.40	-1.24	3.44	.27	1.95	-2.47	6.80	2.48	6.31	2.75	-	-	1.23	-3.04	0.70	-1.84	0.80	-1.36	0.36	-1.20	-	-
Aurora College	4 06	2.28	2.79	1.23	2.41	- .16	4.87	2.16	0.74	-3.16	10.25	6.11	3.04	.02	0.84	-2.71	2.79	-1.25	1.32	-1.55	1.18	-1.13	2.52	.84	36.81	2.68
Avon																					0.58		0.34			
Barry	2.79	.83	2.18	.51	1.57	-1.15	3.38	- .09	2.17	-2.15	2.12	-2.23	3.69	.52	1.82	-1.78	1.43	-3.21	-	-	-	-	-	-	-	-
Beardstown	4.16	2.29	2.68	1.19	1 57	1.12	4.54	1 19	1.36	-2.81	5.97	2.11	5.29	2.24	2.61	- .69	1.31	-2.94	0.49	-2.09	1.92	- .29	0.86	- .87	32.76	-1.79
Beardstown Lagrange R	3 76	1.86	2 38	.85	1.33	-1.41	1.28	-2.09	1.23	-2.97	5.97	2.05	4 37	1.33	3.25	- .13	3.16	-1.20	0.64	-2.03	1.75	- .56	0.74	- .99	29.86	-5.29
Belleville Scott AF	9.12	6.54	4.24	2.18	3.13	- .17	3.59	- .45	3.14	-1.09	2.19	-1.71	1.21	-1.97	5.99	2.25	1.69	-1.98	0.84	-2.18	3.41	.81	1.18	-1.16	39.73	1.07
Belvidere Sewage Pl R	6.56W	3.40	1.23	- .18	2.14	- .27	5.12	2.45	0.90	-2.80	7.31	3.25	5.32	2.17	4.64	.83	4.59	.55	0.83	-1.99	0.79	-2.03	-	-	-	-
Bentley	2.74	.98	1.25	.30	1.26	1.34	4.49	1 39	2.55	-1.87	6.05	1.55	3.68	.17	4.37	1.02	0.70	-3.54	0.24	-2.32	1.08	-1.08	0.49	-1.06	28.90	-6.40
Benton	12.69	9.22	4 84	2.53	3.97	.10	6.75	3.09	4.07	.33	2.60	-1.36	2.96	- .16	6.87	3 56	3.99	.57	0.64	-2.44	3.68	.65	1.92	-1.11	54.98	14.98
Bloomington	6 08	3.93	3.48	1.73	0 83	-2.32	6.33	2 79	1.36	-2.80	6.81	2.70	3.58	.51	-	-	5.26	1.27	1.30	-1.51	2.44	- .24	0.98	- .98	-	-
Bloomington Normal	5 31	3.21	3.62	1.87	0.75	-2 40	6.51	2.97	1.38	-2.78	7.02	2.91	3 37	.30	0.97	-2.51	4.21	.22	1.60	-1.21	2.37	- .31	1.04	- .92	38.15	1.35
Bluffs	3.44	1.49	2.29	.68	2.36	- .44	2.71	69	2.31	-1.88	4.15	.03	5.53	2.48	1.98	-1.47	1.92	-2.54	0.47	-2.43	1.51	- .91	0.91	- .84	29.58	-6.52
Bradford CAA AP	3.37	1.65	1.81	.22	0.87	-1.84	5.12	2.02	0.67	-3.45	4.69	1.01	3.42	.17	1.20	-2.38	4.06	.20	1.76	- .90	0.97	-1.28	0.80	- .77	28.74	-5.35
Brookport Dam 52	13.12	8.56	9.89	6 66	5 54	.79	4.10	.34	6.70	2.94	4.87	.87	4.98	1.43	6.17	2.55	5.44	1.94	1.99	-1.26	5.19	1.49	-	-	-	-
Cairo WB City R	14.95	11.19	8.86	5.73	4.98	1.23	4.40	.68	6.84	3.13	4.04	.21	5.43	2.36	6.81	3.79	3.29	.40	2.06	- .70	6.13	2.45	2.59	- .81	70.40	29.68
Camp Ellis R	-	-	1.86	.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canton	4 65	2.82	2.92	1 25	3.23	.62	7.02	3.83	1.28	2.72	5.92	2.01	4.50	.99	1.75	-1.43	1.78	-2.35	0.60	-1.98	1.20	- .99	0.90	- .69	35.75	1.36
Carbondale Sewage	17.13	13.61	4 80	2.27	4.43	.62	6.49	2.37	5.18	.83	3.79	- .30	2.69	- .90	8.65	4.76	4.32	.55	1.10	-2.37	3.33	.04	1.56	-1.46	63.47	20.02
Carlinville 4 E	6.04	3.72	2.99	1 03	2.37	.90	3.64	- .33	1 67	-2.46	6.61	2.45	2.86	- .60	3.23	- .26	1.61	-2.15	2.12	-1.09	2.09	- .57	0.63	-1.62	35.86	-2.78
Carlyle	9.14	6.51	6.38	4.22	2.91	- .52	4.64	.42	3.49	- .57	5.31	1.21	4.13	.91	2.78	- .77	4.86	1.46	1.04	-2.32	4.43	1.63	-	-	-	-
Carmi	14.67	10.76	8.20	5.78	3.74	- .57	7.13	3.50	6 22	2.38	3.00	- .62	4.73	1.56	3.79	- .02	4.45	.83	1.95	-1.50	5.56	2.31	2.34	-1.12	65.78	23.29
Carpenter 1 SW R	7.78	5.34	3.01	.91	3.70	.28	4.44	.52	3.63	- .57	4.84	.74	2.28	- .79	3.11	- .62	1.55	-2.20	1.40	-1.81	2.85	.23	0.50	-1.77	39.09	- .30
Casey	12.16	9.55	4.66	2.55	2.14	-1.56	4.92	1.48	3.15	- .84	6.66	2.94	5.31	2.09	2.94	- .78	4.86	1.13	0.79	-2.56	4.78	1.89	1.74	- .86	54.11	15.03
Centralia 4 W	7.70	4.79	6.95	4.69	3.57	- .08	5.49	1.54	4.09	.01	3.80	- .24	3.32	.10	6.63	3.05	4.06	.72	1.15	-2.30	4.10	1.17	2.20	- .42	53.06	13.03
Chandlerville	4.19	2.23	3.21	1.65	1.90	.85	4.15	.87	2 91	-1.09	4.52	.68	5.48	2.48	2.51	- .75	0.98	-3.08	0.81	-1.80	2.08	- .20	0.99	- .68	33.73	- .54
Channahon Dresden	4.69	2.86	2.77	1.19	1.42	-1.16	9.72	6.82	1.12	-2.48	6.33	2.87	5.57	2.69	3.31	- .20	2.77	-1.05	0.94	-1.73	1.33	-1.02	1.96	.23	41.93	9.00
Charleston	9.78	7.27	4.71	2.73	2.54	-1.11	3.50	- .02	-	-	-	-	4.65	1.04	1.86	-1.73	-	-	1.68	-1.56	-	-	-	-	-	-
Chenoa	5.59	3.49	3.09	1.21	0.96	-1.84	6.74	5.40	1.48	-2.38	6.41	2.81	5.12	2.11	0.51	-2.81	4.21	.57	1.27	-1.38	1.93	- .39	1.26	- .65	38.57	4.14
Chester	-	-	-	-	3.82	.14	4.94	.86	5.27	1.29	2.29	-1.70	4.80	-2.43	8.80	4.90	5.33	1.86	1.01	-2.07	2.60	- .26	1.60	-1.13	-	-
Chicago Cal Tr Wks R	-	-	-	-	-	-	-	-	0.72	-	8.41	-	4.72	-	1.03	-	3.46	-	1.29	-	-	-	-	-	-	-
Chicago Heights	-	-	4.84	3.19	-	-	8.65	5.76	-	-	6.59	3.09	4.57	1.59	2.12	-1.25	2.78	- .55	1.82	- .88	1.90	- .30	-	-	-	-
Chicago Lakeview R	2.63		2.63		2.50		6.68		0.55		7.91		5.63		1 60		0.98		3.08		1.38		2.15		38.74	
Chicago Loyola U. R	-		-		-		-		1.02		6.75		4.34		2.14		1.27		3.43		-		-		-	
Chicago Mayfair R	4.80		3.37		3.15		7.91		0.49		9.76		5.41		2.64		1.33		3.08		3.86		2.65		48.45	
Chicago N Branch P SR	-		-		-		-		0.50		6.86		3.77		1.90		1.13		3.19		-		-		-	
Chicago Roseland R	4.49		4.03		2.38		6.13		1.94		9.40		5.82		0.89		3.28		1.38		1.74		2.02		43.50	
Chicago San D D R	-		-		-		-		0.69		7.54		8.10		2.02		1.28		1.21		-		-		-	
Chicago San Dist. O.R	-		-		-		-		1.10		7.16		7.43		1.97		1.26		1.10		-		-		-	
Chicago S Filter P R	3.93		3.89		2.56		5.37		1 36		9.98		5.74		1.28		1.53		1.48		2.09		2.32		41.53	
Chicago Springfield R	4.75		3.62		2.80		5.66		0.37		7.94		5.70		2.63		1.37		1.97		2.40		3.14		42.35	
Chicago University	3.79	1.89	3.43	1.29	2.15	- .43	5.04	2.26	1.50	-2.04	9.35	6.05	6.64	3.31	1.50	-1.71	1.62	-1.52	1.26	-1.27	1.74	- .63	2.13	.09	40.15	7.29
Chicago WB Airport	3.77	1.87	3.35	1.25	2.01	- .55	4.77	2.23	0.78	-2 72	8.89	5.41	6.78	3.35	1.78	-1.24	2.00	-1.20	1.29	-1.27	1.63	- .88	2.70	.63	39.75	6.88
Chicago WB City	3.74	1.83	3.86	1.76	2.01	- .55	5.16	2.62	1.10	-2 40	7.38	3.90	5.48	2.05	1.98	-1.04	1.23	-1.97	1.42	-1.14	1.72	- .79	2.50	.43	37.58	4.70
Chillicothe	4.10	2 27	2.72	1.07	1.59	-1.14	6.37	3.21	1.63	-2.33	7.01	3.27	4.70	1.51	0.64	-2.72	5.29	1.34	1.10	-1.46	1.60	- .65	0.84	- .79	37.59	3.58
Cicero	3.87	2.11	3.16	1.58	2.07	- .63	5.08	2.38	0.68	-2.88	6.63	3.03	5.30	2.47	2.44	- .81	1.77	-1.88	1.13	-1.37	1.98	- .17	2.49	.72	37.91	5.49
Cisne Brown Camp R	10.87	7.71	5.54	3.35	3.42	- .34	5.73	1.98	2.30	-1.67	2.93	- .99	1.04	-2.14	4.34	.70	3.30	.28	0.89	-2.33	6.00	3.11	1.80	- .99	48.16	8.11
Clinton 1 S	6.57	4.44	3.17	1.37	1.62	-1.83	6.87	3.23	1.52	-2.78	6.63	2.45	3.24	.01	0.84	-2.70	3.74	- .31	2.16	- .74	2.41	- .12	0.69	-1.43	39.46	1.59
Collinsville R	7.81	5.31	-	-	3.28	- .22	4.23	.25	3.70	- .52	3.03	.87	1.77	-1.31	8.08	4.38	2.55	-1.13	1.00	-1.98	3.39	.82	0.84	-1.42	-	-
Coulterville R	-	-	-	-	3.46	.02	5.04	.95	3.51	.59	1.28	-2.35	1.88	-1.38	7.09	3.27	3.12	- .20	1.08	-2 35	3.82	.97	0.77	-1.87	-	-
Crete R	4.34	2 49	3.67	2.01	1.68	-1.09	5.76	2.85	1.56	-2.15	6 38	2.88	4.29	1.29	1.49	-1.89	-	-	-	-	1.60	- .63	1.98	.11	-	-
Danville	8.88	6.37	4.11	2.29	2.49	- .70	3.90	.47	3.39	- .42	5.79	2.17	5.40	2.25	2.02	-1.36	6.75	3.35	2.44	- .45	4.50	1.87	1.72	- .56	51.39	15.28
Danville Hospital R	8.04		3.85		2.49		3.68		3.27		5.52		4.90		2.49		5.72		1.95		-		-		-	
Danville Sewage Plant	-	-	4.14	2.32	2.46	- .73	4.73	1.30	2.50	-1.31	5.62	2.00	4.00	.85	2.67	- .71	7.20	3.80	2.76	- .13	3.82	1.19	1.56	- .72	-	-
Decatur	7.31	4.99	3.11	1.14	2.13	-1.29	3.18	- .50	1.77	-2 36	5.74	2.15	5.08	1.83	2.12	-1.45	3.29	- .69	2.37	- .78	2.85	.39	1.53	- .73	40.48	2.70
Des Plaines 1 NW	3.38	1.65	2.80	1.20	2.41	- .09	5.23	2.40	0.49	3.21	6.87	3.27	3.08	.02	1.83	-1.38	1 80	-2.10	1.96	- .75	1.99	- .17	2.77	1.04	34.61	1.88
Diona R	10.37	7.81	-	-	3.41	- .27	4.03	.55	2.79	-1.30	6.63	2.84	5.45	2.05	3.63	- .02	2.18	-1.53	1.56	-1.74	3.80	1.01	1.65	- .90	-	-
Dixon	2.79	1.24	2.08	.74	0.78	-1.62	3.04	.27	1.01	-2 99	6.65	2 56	3.79	.08	1.63	-1.90	2 82	-1.26	0.93	-1.93	1.11	- .96	2 20	.68	28.83	-5.09
Downs 2 NE R	6.33	4.19	2.82	1.06	0.93	-2.26	5.64	2.09	1.93	2.22	7.09	2.99	4.25	1.12	0.48	-3.06	3.30	- .64	1.34	-1.49	-	-	0.92	-1.16	-	-
Du Quoin	11.13	7.99	6.56	4.25	3.48	.24	5.96	2.25	4.22	.45	2.42	-1.56	0.90	-2.69	10.48	6.92	5.63	2.18	1.19	-1.81	3.27	.33	1.56	-1.44	56.82	16.63
Dwight	4.68	2.75	3.20	1.49	1.47	-1.24	8.61	5.36	0.70	-3.15	5.34	1.73	5.07	2.07	0.54	-3.06	3.11	- .46	1.82	- .77	2.62	.26	1.45	- .39	38.61	4.57
Dwight State Ref. R	-	-	2.47	.76	1.39	-1.32	7.96	4.71	0.48	-3 37	5.96	2.33	5.11	2.11	0.74	-2.86	2.80	- .77	1.52	-1.07	1.41	- .95	1.25	- .59	-	-
East Saint Louis	7.92	5.43	3.47	1.43	3.35	- .08	3.94	.04	4.62	.42	4.22	.52	1.46	-1.58	11.74	8.20	2.03	-1.47	0.85	-2.12	3.53	1.01	0.67	-1.55	47.80	10.25
Edelstein	-	-	-	-	1.24	-1.44	6.69	3.59	-	-	-	-	-	-	-	-	-	-	-	-	1.23	-1.00	-	-	-	-
Edwardsville	7.52	5.08	2.77	.67	2.47	- .94	5.26	1.31	4.96	.73	4.76	.68	2.27	- .78	5.73	2.01	2.96	- .78	1.58	-1.60	3.38	.78	1.68	- .58	45.34	6.58
Effingham CAA AP	9.99	7.27	4.77	2.63	3.04	- .63	4.15	.62	2.38	-1.85	4.17	.30	5.42	2.19	5.01	.98	3.40	.01	1.33	-1.95	4.10	1.18	1.60	- .99	49.36	9.16
Elgin	3.76	1.99	2.04	.41	2.78	.35	6.08	3.20	0.78	3.19	8.21	4.31	1.62	1.46	2.06	-1.26	5.73	1.60	0.74	-2.11	1.84	- .35	2.25	.75	37.89	4.24
Elizabethtown	15.10	10.31	8.83	5.63	5.21	.50	4.44	.09	4.82	.96	6.09	2.30	5.45	2.15	10.09	6.51	2.95	- .51	2.24	-1.05	5.63	2.04	1.70	-2.03	73.55	26.90
Elsah	5.86	3.42	3.01	1.06	3.01	- .28	5.41	1.52	2.72	-1.35	3.07	.86	1.09	-1.86	4.04	.48	-	-	0.94	-2.27	2.65	.00	0.77	-1.48	-	-
Evanston Pump Sta. R	-	-	-	-	-	-	-	-	0.67	-	5.54	-	5.09	-	3.75	-	1.48	-	2.16	-	-	-	-	-	-	-
Fairbury Water Wks R	6 47	4.39	3.95	2.17	1.28	-1.52	5.48	2.17	1.62	-2.22	5.59	2.19	4.68	1.59	0.65	-2.41	3.58	.03	1.34	-1.31	2.66	.37	1.04	- .84	38.34	4.61
Fairfield	-	-	-	-	-	-	-	-	3.76	- .27	-	-	-	-	4.71	1.06	3.14	- .38	0.47	-2.70	-	-	1.13	-1.87	-	-
Farmer City R	6.82	4.66	2.87	1.09	1.74	-1.62	6.20	2.57	2.36	-1.74	6.24	2.18	2.68	.54	0.52	-3.08	2.91	- .94	2.19	.68	2.19	- .32	1.14	-1.04	37.86	1.62
Flora	9.90	6.81	-	-	3.93	.20	-	-	3.40	.48	2.45	- .83	-	-	4.83	1.36	0.92	-2.34	5.96	3.01	2.77	- .05	-	-	-	-
Freeport	3.24	1.88	1.26	.03	1.66	- .43	5.36	2.63	2.43	-1.24	8.11	3.92	5.49	1.59	4.39	.52	3.95	- .28	0.58	-2.13	1.27	- .84	1.68	.18	39.32	5.83
Freeport Sewage Plant	3.68	1.30	0.82	.41	1.51	- .93	5.20	2.47	2.63	1.05	7.68	3.49	4.91	1.01	4.80	.93	4.38	.25	0.65	-2.06	2.36	- .25	1.55	.05	38.80	5.30
Fulton Dam 13	2.76	1.28	1.89	.52	1.27	- .96	6.33	3.70	1.23	-2.78	7.19	2.94	4.49	1.09	1.96	-1.76	2.49	-1.53	0.27	-2.32	1.05	-1.03	1.27	- .21	32.40	-1.08
Galatia 1 W R	14.95	11.05	5.84	3.19	3.15	.90	6.61	2.61	6.36	2.57	4.16	.30	3.94	.54	7.33	3 66	4.79	1.34	1.88	-1.42	2.92	- .18	1.66	-1.60	63.59	21.16
Galena	2.69	1.35	1.01	.21	1.16	- .88	3.83	1.17	2.88	-1.03	7.38	3.30	-	-	1.05	-2.65	3.97	- .09	0.43	-2.10	0.98	- .98	1.81	.41	-	-
Galesburg	3.86	2 02	2.55	.95	0 99	-1.66	7.67	4.59	1.43	-2.70	8.91	5.10	6.27	2.58	2.59	- .78	1.64	-2.39	0.49	-2.12	1.03	-1.27	0.59	- .97	38.02	3.35
Galva	3 57	1.79	2.37	.87	0.92	1.69	5.49	2.42	1.75	-2.44	5.77	1.77	3.21	- .33	1.99	-1.50	4.05	.15	0.74	-1.85	1.16	-1.02	0.49	- .97	31.31	-2.80
Geneseo	2.43	.84	1.71	.19	0.67	-1.83	5.44	2.58	2.33	-1.71	5.03	.76	3.90	.38	2.14	-1.60	1.67	-2.53	0.90	-1.72	1.00	-1.27	1.05	- .39	28.27	-6.30
Gibson City	6.61	4 49	4.05	2.33	0.58	-2.42	6.65	3.25	0.82	-2.98	5.78	1.97	7.59	4.41	1.44	-2.11	4.24	.67	2.94	.24	2.47	.15	2.47	.50	45.64	10.50
Gladstone Dam 18	3.34	1 64	2.63	1.07	0.96	-1.64	7.56	4.50	2.87	-1.23	7.21	2.53	3.90	.40	2.56	- .84	3.99	- .38	0.47	-2.24	1.00	-1.18	0.57	-1.04	37.06	1.59
Glendale Exp. Farm	17.29	12.77	8.81	5.72	4.92	.34	5.34	.88	5.14	1.15	3.77	- .31	3.92	.72	8.45	4.77	4.07	.50	2.61	- .78	4.97	1.40	2.10	-1.61	71.39	25.55
Golconda Dam	13.40	8.58	8.58	5.28	6.15	1.31	4.55	.13	4.89	1.05	5.58	1.73	5.73	2.54	6.65	2.83	4.56	1.00	1.89	-1.41	7.06	3.42	1.59	- .19	70.63	24.35
Golden	3.08	1.33	2.29	.75	1.62	1.01	3.22	.08	1.81	-2.68	7.11	2.90	6.89	3.38	2.58	- .89	1.13	-3.19	0.46	-2.08	1.13	-1.01	0.35	-1.25	31.67	-3.83
Grafton	6.19	3.78	3.59	1.65	2.97	.38	4.33	.44	3.03	-1.02	2.00	1.94	0.47	-2.47	4 65	1.13	1.77	-1.89	0.98	-2.22	2.69	.02	0.80	-1.43	33.37	-4.33
Grand Tower 2 N	11.03	11.55	5.47	2.68	.13	1.32	6.32	2.33	5.12	1 00	3.12	- .95	4.35	.94	8.43	4.49	4.47	.86	1.30	-2.07	3.18	- .12	1.74	-1.35	63.68	20.58
Greenfield R	6.14	4.08	3.50	.63	2.12	.99	2.93	.87	2.68	-1.37	4.09	.11	1.84	-1.44	1.87	-1.67	3.20	- .80	1.43	-1.83	2.61	- .03	0.43	-1.65	31.04	-6.83
Greenup	*	*	21.29	18.99	3 13	.67	4.79	1.36	1.89	2 21	3.21	4.17	4.84	1 65	3.94	.15	6.31	2.61	1.60	-1.76	4.53	1.67	0.77	-1.82	61.77	22.08
Greenville	8.86	6.27	4.14	2.92	3.31	.17	4.92	1.06	2.62	-1.41	4.58	.38	3.33	.26	3.14	.49	2.06	-1.44	1.34	-1.96	3.84	1.30	1.11	-1.26	43.26	4.56
Gridley	4.44	3.45	3.36	1.74	1 17	1.63	6.48	3.19	1.18	-2.70	6.59	2.89	5.75	2.75	0.86	-2.56	4.86	1.16	1.10	-1.56	2.25	- .08	1.03	- .83	40.26	5.87
Griggsville	-	-	1.61	.06	0.71	2.06	3.70	.20	2.51	1.78	1 77	-2.56	3.58	.57	2 18	- .25	1.21	-3.55	0.74	-2.22	-	-	0.40	-1.30	-	-
Hardin	5.76	3 2	4.22	1.33	2 66	.46	3.64	.09	3.08	-1.00	6.69	2.72	3 50	.46	3.81	.27	3.55	- .48	1.35	-1.87	3.32	.67	1.62	- .38	42.20	4.71
Harrisburg	17.69	13.58	7.06	4.35	4 74	.58	6.83	2.78	7.85	4.03	3.66	.23	4.83	1.22	7.45	3.57	3.55	.15	2.21	-1.18	4.18	1.04	1.93	-1.37	71.98	28.52
Harrisburg Exp. Sta. FI	16.23	12 12	7.31	1.60	4.30	.14	5.76	1.71	7.60	3.78	4.06	.17	5.62	2.01	7.26	3.78	5.10	1.70	2.19	-1.20	3.96	.82	1.84	-1.46	71.23	27.77
Havana	3.66	1.69	2.65	1.03	1.61	1.08	4.21	.92	1.48	2.34	4 94	1.04	3.66	07	2.12	1.10	1.10	-2.91	0.76	-1.79	1.36	- .85	0.81	- .83	28.38	-6.29

See reference notes following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January Precip	January Departure	February Precip	February Departure	March Precip	March Departure	April Precip	April Departure	May Precip	May Departure	June Precip	June Departure	July Precip	July Departure	August Precip	August Departure	September Precip	September Departure	October Precip	October Departure	November Precip	November Departure	December Precip	December Departure	Annual Precip	Annual Departure
Havana No. 2	4.03	2.06	3.22	1.60	1.36	-1.35	4.61	1.32	1.25	-2.57	5.65	1.75	3.43	- .30	2.06	-1.16	0.84	-3.17	0.78	-1.77	1.70	- .51	0.55	-1.09	29.48	-5.19
Hillsboro	8.74	6.31	4.69	2.71	2.68	- .63	3.35	- .40	2.16	-2.08	6.17	2.08	3.00	- .01	4.42	.66	2.55	-1.07	2.96	- .26	2.96	.40	0.93	-1.31	44.61	6.40
Hoopeston	7.09	4.67	3.60	1.53	1.66	-1.57	4.82	1.27	2.95	- .98	6.12	2.22	3.45	- .15	3.43	- .10	5.41	1.85	2.01	95	2.94	.18	1.54	- .76	45.02	7.21
Hudson Lk Bloomington R	6.80	4.79	3.54	1.78	0.80	-2.20	5.79	2.39	1.47	-2.60	6.08	2.08	3.61	.56	0.57	-2.88	2.73	-1.16	1 14	-1 60	2.17	- .33	1.16	- .75	35.86	.08
Hutsonville R //	11.42	8.32	-	-	3.60	- .36	3.67	.26	-	-	[illegible].01	.04	3.11	- .28	6.76	2.99	1.95	-1.65	0.60	-2.66	3.21	.35	2.10	- .75	-	-
Hutsonville Pwr Pl	11.14	8.04	5.65	3.57	3.29	- .67	3.71	.30	4.22	.10	4.23	.26	3.97	58	4.36	.59	6.10	2.50	0.86	2.40	-	-	-	-	-	-
Illinois City Dam 16	2.46	1.02	1.83	.49	0.58	-1.78	5.78	2.92	3.14	- .75	7.05	2.78	4.04	.72	1.74	-1.83	1.05	-3.05	0.30	-2.16	1.27	- .77	0.91	- .54	30.15	-2.95
Jacksonville	3.48	1.56	2.16	.58	2.02	- .81	2.65	- .67	2.50	-1.67	3.38	- .59	4 62	1.62	1.84	-1.72	1 82	-2.36	0.99	-1.97	2.07	- .29	0.63	-1.10	28.16	-7.42
Jacksonville S Pl R	[illegible].47	1.55	1.84	.26	1.70	-1.13	2.67	- .65	2.19	-1.98	3.64	- .33	4.20	1.20	1.63	-1.93	1.82	-2.36	0.85	-2.11	2.39	.03	0.27	-1.46	26.67	-8.91
Jerseyville	5.79	3.40	2.66	.72	2.35	- .89	3.39	- .53	2.37	-1.69	3.78	- .20	0.98	-2.13	3.17	- .37	2.33	-1.47	1.26	-2.00	2.33	- .32	0.34	-1.86	30.75	-7.34
Joliet Brandon Rd	3.89	2.07	2.09	.48	1.53	-1.12	6.52	3.59	1.60	-2.14	7.83	3.97	6.18	3.19	1.03	-2.37	3.12	- .65	1.89	.93	1.80	- .48	2.00	.22	39.48	5.83
Joliet WB Airport	3.92	2.10	2.84	1.23	1.52	-1.13	7.13	4.20	1.57	-2.17	7.31	3.45	5.57	2.58	1.02	-2.38	2.79	- .98	0.93	-1 89	1.44	- .84	1.80	.02	37.84	4.19
Kankakee	4.19	2.32	3.31	1.60	0.87	-1.79	5.62	2.51	2.21	-1.83	5.45	1.83	3.33	.12	1 45	-2.03	2.36	- .81	1.18	-1.55	1.73	- .62	1.45	- 47	33.15	- .72
Kankakee 4 W	4.37	2.52	4.06	2.37	1.03	-1.62	6.39	3.29	1.35	-2.59	4.66	1.06	2.91	- .27	1.08	-2.39	2.85	- .43	1.31	-1.39	2.33	- .01	1.94	.06	34.28	.60
Kankakee Sewage Pl R	[illegible].45		-		1.09		6.10		1.77		4.09		3.65		0.62		2.82		1.34		-		-		-	
Keithsburg	3.73	2.19	2.75	1.37	0.96	-1.45	4.62	1.62	1.88	-2.11	6.31	1.82	2.34	-1.12	2.12	-1.39	2.52	-1.82	0.38	-2.18	0.68	-1.45	0.66	- .87	28.95	-5.39
Kewanee R	3.28	1.65	-	-	1.20	-1.42	5.97	2.96	1.12	-3.05	6.14	2.26	3.26	- .16	3.47	- .07	[illegible].65	-1.24	2.22	- .40	1.32E	- .88	1.14	- .31	-	-
Kewanee Baker Park	3.35	1.72	1.99	.46	0.99	-1.63	5.22	2.21	1.68	-2.49	-	-	3.19	- .23	2.51	-1.03	2.36	-1.53	0.87	-1.75	-	-	-	-	-	-
Kickapoo	[illegible].36	2.56	1.55	- .17	-	-	8.09	4.94	1.17	-2.90	6.88	3.11	6.20	2.79	2.42	- .78	4.29	.17	-	-	-	-	-	-	-	-
Lacon	3.97	2.16	2.50	.88	1.84	- .88	6.63	3.50	0.88	-3.02	6.62	2.90	4.48	1.47	1.29	-2.23	4.87	.89	1.65	- .90	1.67	- .55	[illegible].50	-1.10	36.90	3.12
La Harpe 1 SW	4.05	2.10	1.83	.28	1.26	-1.42	4.78	1.66	2.70	-1.69	4.89	.22	4.06	.44	2.87	- .45	2.94	-1.34	0.49	-2.04	0.95	-1.25	0.45	-1.15	31.27	-4.64
Lanark R	2.45	.96	-	-	-	-	-	-	1.21	-2.79	7.37	2.96	4.28	.78	1.77	-2.14	3.13	- .15	0.43	-2.27	1.38	- .83	1.22	- .32	-	-
La Salle	3.16	1.54	2.48	.92	1.49	- .95	7.87	5.01	0.98	-2.62	5.72	2.15	4.45	1.49	0.64	-3.16	3.83	- .17	0.90	-1.60	1.11	- .87	1.04	- .48	33.67	1.26
La Salle 1 S	3.88	[illegible].25	2.04	.46	1.57	- .89	8.62	5.74	1.05	-2.55	5.75	2.18	4.47	1.50	0.34	-3.52	3.54	-	0.[illegible]	-	0.89	-	[illegible].40	-	33.43	-
Lawrenceville	14.26	10.76	7.42	5.13	3.58	- .58	5.61	2.01	5.34	1.22	-	-	2.46	- .90	6.48	2.90	5.80	2.34	0.77	-2.40	8.94	5.86	1.92	-1.20	-	-
Le Roy	5.96	3.81	2.65	.88	1.52	-1.70	5.71	2.13	1.55	-2.58	6.88	2.81	3.52	.36	1.30	-2.26	4.46	.60	1.19	-1.64	2.15	- .41	1.14	- .97	38.03	1.03
Lincoln	5.65	3.59	3.47	1.75	1.83	-1.30	5.07	1.62	2.03	-2.25	5.95	2.13	2.29	- .83	1.80	-1.53	3.45	- .69	1.32	-1.52	1.93	- .45	1.03	- .94	35.82	- .42
Lincoln No. 2	5.18	3.12	2.27	.55	0.33	-2.30	5.25	1.80	1.58	-2.70	5.81	1.99	2.30	- .82	1.77	-1.56	3.56	- .58	1.25	-1.59	1.95	- .43	-	-	-	-
Lockport L & D R	-	-	2.35	.73	1.45	-1.20	5.63	2.71	1.03	-2.71	5.74	1.89	5.26	2.26	2.11	-1.26	2.55	-1.25	1.24	-1.58	1.50	- .77	1.30	- .46	-	-
Lockport Power H R	-	-	-	-	-	-	-	-	1.11	-2.63	7.23	3.38	5.18	2.18	2.21	-1.16	3.01	- .79	-	-	-	-	-	-	-	-
Louisville R	9.75	6.75	6.31	4.17	3.89	1.14	4.87	1.17	2.04	-1.94	4.91	1.02	2.16	-1.09	3.18	- .51	1.41	-1.97	1.16	-2.11	4.83	1.89	2.86	.15	47.37	8.67
Mackinaw	5.85	3.89	3.05	1.27	1.01	-1.95	7.27	3.87	1.83	-2.35	8.21	4.35	3.97	.67	0.92	-2.40	7.03	2.92	0.83	-1.91	1.80	- .60	0.37	-1.42	42.14	6.34
Macomb	3.15	1.30	1.53	- .05	1.36	-1.23	4.77	1.83	1.91	-2.13	6.36	1.94	5.06	1.19	3.09	- .17	1.06	3.03	0.39	-2.24	1.10	-1.07	0.58	.91	30.36	-4.57
Marengo	[illegible].14	1.57	[illegible].70	.33	2.16	- .09	[illegible].14	2.50	1.13	-2.39	[illegible].69	4.67	3.96	.87	1.37	-2.19	4.93	.90	[illegible].72	-2.05	[illegible].05	- .96	3.27	1.78	37.26	4.94
Marietta R	3.[illegible]	1.43	2.08	.46	1.36	-1.20	4.96	1.91	1.69	-2.29	6.71	2.61	5.06	1.41	2.68	- .56	1.14	-2.97	0.55	-2.02	1.06	-1.11	0.46	-1.01	31.03	-3.34
Marion	15.46	11.66	5.95	3.29	5.65	1.62	7.31	3.20	5.27	1.18	3.40	- .68	2.76	- .57	8.24	4.74	4.41	.85	1.72	-1.74	3.60	.30	1.70	-1.57	65.47	22.28
Maroa R	-	-	-	-	2.79	- .64	4.95	1.31	1.95	-2.30	4.37	.47	2.81	- .43	1.07	-2.49	1.24	-2 80	1.46	-1.54	2.40	- .09	0.75	-1.41	-	-
Marseilles Lock	3.81	2.01	2.05	.48	1.47	-1.09	9.82	6.83	0.61	-3.19	4.85	1.51	3.04	.01	0.57	-3.10	2.40	-1.45	1.18	-1.38	1.30	- .98	0.69	- .94	31.79	-1.29
Marshall	-	-	-	-	3.56	- .24	3.76	.29	2.23	-1.74	9.11	5.09	5.49	2.31	1.73	-1.87	4.99	1.26	1.33	-1.87	4.06	1.22	2.07	- .58	-	-
Mascoutah	-	-	5.21	3.03	3.07	- .30	3.92	- .22	3.58	- .62	3.42	- .41	1.90	-1.21	6.50	2.64	2.67	-1.03	0.90	-2.34	4.75	1.88	1.12	-1.33	-	-
Mason City R	4.12	2.00	3.49	1.76	1.54	-1.40	4.[illegible]	1.47	1.75	-2.46	-	-	2.74	- .56	0.86	-2.38	1.26	-2.82	0.38	-2.30	2.10	- .23	0.65	-1.09	-	-
Mattoon	9.91	7.46	5.30	3.27	2.75	- .90	4.11	.50	3.61	- .[illegible]	5.40	1.30	5.73	2.23	4.84	1.29	4.32	.57	1.48	-1.62	4.62	1.94	1.72	- .81	53.79	14.54
McHenry R	3.06	1.41	1.94	.48	2.78	.51	5.77	3.01	0.91	-2.79	8.12	4.39	3.65	.44	3.14	- .15	1.72	-2.32	-	-	1.22	- .83	3.32	1.[illegible]	-	-
McHenry 2 S	3.82	2.17	1.81	.35	2.54	.27	6.05	3.29	1.07	-2.63	7.68	3.95	3.05	- .16	2.45	- .84	1.97	-2.07	0.64	-2.11	1.39	- .66	2.90	1.36	35.37	2.92
McLeansboro	14.20	10.44	[illegible].82	4.27	4.31	.34	6.33	2.42	[illegible].90	1.20	-	-	1.91	-1.21	6.82	3.49	6.85	3.25	1.26	-1.75	4.96	1.94	1.76	-1.64	-	-
Medora	5.87	3.47	3.38	1.42	2.81	- .45	3.59	- .34	3.53	- .57	5.40	1.36	2.18	-1.17	2.16	-1.39	1.94	-1.84	2.04	-1.21	2.64	- .01	0.58	-1.64	36.12	-2.37
Minonk	4.75	[illegible].07	3.26	1.63	0.83	-1.71	6.26	3.26	1.22	-2.55	7.80	4.25	5.50	2.52	0.69	-2.85	4.67	1.01	1.30	-1.27	2.05	- .12	[illegible].08	- .58	39.41	6.66
Moline WB Airport R //	3.56	2.14	1.76	.18	1.09	-1.22	5.87	3.18	3.01	- .93	5.11	1.00	4.41	1.08	1.87	-1.62	3.85	.27	0.61	-1.78	0.73	-1.09	1.01	- .47	32.[illegible]	.74
Monmouth Airport	-	-	2.41	.86	0.81	-1.74	8.24	5.19	1.76	-2.26	9.14	4.56	6.59	2.83	3.12	- .13	1.88	-2.45	0.75	-1.92	0.78	-1.49	0.62	- .90	-	-
Monticello	6.64	4.46	-	-	2.28	-1.13	5.02	1.35	1.98	-2.21	5.63	1.63	3.16	- .07	1.38	-2.33	2.84	- .95	2.36	- .58	3.14	.70	1.76	- .48	-	-
Morris	3.80	1.97	2.42	.86	1.14	-1.37	7.79	4.90	1.31	-2.28	5.74	2.44	5.65	2.82	2.17	-1.40	2.21	-1.65	0.91	-1.73	1.20	-1.12	1.20	- .49	35.54	2.95
Morris 3 NE	3.52	1.69	1.90	.34	0.90	-1.61	8.60	5.71	1.71	-1.88	5.65	2.35	5.52	2.69	1.62	-1.95	2.12	-1.74	0.91	-1.73	1.08	-1.24	0.88	- .81	34.41	1.82
Morrison	3.43	1.86	1.69	.23	1.02	-1.36	6.44	3.44	1.46	-2.75	8.01	3.72	4.22	.58	1.62	-2.12	2.44	-1.59	0.72	-1.91	0.77	-1.31	1.54	.02	33.36	-1.19
Morrisonville R	-	-	3.09	1.34	1.96	-1.06	[illegible].87	- .55	1.71	-2.20	6.75	2.66	3.28	.17	3.87	.35	1.05	-2.36	1.89	- .97	2.29	- .11	0.77	-1.20	-	-
Morrisonville 1 E	-	-	3.46	1.71	1.90	-1.12	3.29	- .13	1.71	-2.20	6.34	2.25	[illegible].17	.06	3.36	- .16	[illegible].15	-1.26	2.95	.09	2.19	- .21	0.84	-1.13	-	-
Mount Carmel	13.47	9.46	8.72	6.02	4.85	.52	8.33	4.43	4.08	.21	4.43	.17	2.62	- .62	2.36	- .98	5.60	2.15	1.28	-2.22	8.22	4.96	2.63	- .95	66.59	23.15
Mt. Carmel Wtr Wks R	-		-		4.18		6.31		3.61		3.88		5.00		4.22		2.33		0.95		7.09		2.17		-	
Mount Carroll	2.69	1.21	1.53	.23	1.44	- .63	6.62	3.84	1.67	-2.36	7.86	3.43	4.08	.61	3.03	- .94	3.29	-1.01	0.67	-2.00	1.72	- .50	1.74	.19	36.34	2.07
Mount Olive	8.82	6.38	[illegible].86	1.77	2.91	- .45	[illegible].35	.56	[illegible].16	-1.87	[illegible].05	1.89	1.95	-1.06	3.51	- .22	4.20	.52	2.21	-1.03	[illegible].91	.31	0.48	-1.78	43.41	5.02
Mount Pulaski	5.[illegible]	3.87	2.55	.79	1.23	-1.95	5.40	1.82	1.07	-2.96	7.15	3.21	[illegible].66	- .59	0.82	-2.58	3.12	-1.03	1.45	-1.50	2.42	.02	0.85	-1.08	34.70	-1.98
Mount Sterling	3.69	1.88	2.55	1.00	2.19	- .54	5.03	1.68	1.16	-3.16	5.42	1.37	4.69	1.55	2.32	-1.20	1.09	-3.33	0.36	-2.05	2.00	- .26	0.73	- .95	31.23	-4.01
Mount Vernon 4 N	10.35	7.04	6.50	4.08	4.73	.85	6.11	2.30	4.94	.81	5.25	1.11	3.14	.26	8.01	4.36	2.68	- .83	1.23	-2.09	5.08	2.14	1.99	-1.00	60.01	19.03
Murphysboro Wtr Wks R//	-	-	5.25	2.83	4.40	.65	5.47	1.41	3.51	- .61	3.07	- .97	1.01	-2.50	8.40	4.51	4.64	1.05	1.08	-2.07	3.64	.54	2.59	- .36	-	-
Nashville 3 NW	8.71	5.77	[illegible].26	4.22	3.40	- .18	5.05	1.18	[illegible].25	.35	2.54	-1.26	3.74	.57	6.75	3.13	5.47	2.28	1.18	-2.26	5.19	2.40	[illegible].43	.[illegible]	55.97	17.09
Newark 7 E	[illegible].61	1.86	1.70	.16	1.85	- .71	7.35	4.51	1.69	-2.21	9.33	5.63	4.18	1.24	1.09	-2.47	2.74	-1.24	0.95	-1.75	1.51	- .82	1.77	.12	37.77	4.32
New Boston Dam 17	3.59	2.11	2.30	.93	0.61	-1.77	5.50	2.53	1.82	-2.16	7.41	3.01	4.35	.90	2.17	-1.37	1.12	-3.22	0.34	-2.20	0.84	-1.29	0.96	- .53	31.01	-3.06
New Boston	[illegible].39	.91	1.68	.31	0.45	-1.93	6.42	3.45	1.80	-2.18	7.91	3.51	3.57	.12	2.12	-1.42	1.63	-2.71	0.50	-2.04	0.68	-1.45	2.12	.63	31.27	-2.80
New Burnside	17.70	13.42	8.27	5.43	4.86	.51	6.45	2.03	8.35	4.31	3.35	- .78	3.41	.11	8.96	5.41	3 85	.29	2.58	- .92	4.61	1.08	2.19	-1.42	74.58	29.47
Newton	10.31	7.43	-	-	3.80	- .18	4.09	.77	3.70	- 39	[illegible].93	.67	1.93	-1.33	6.11	2.28	3.84	.22	1.11	-2 11	4.25	1.35	2.45	- .18	-	-
Olney Radio Station	12.02	8.61	6.53	4.31	3.63	- .29	5.26	1.62	2.42	-1.65	5.23	1.43	1.58	-1.71	6.61	2.93	2.99	- .57	0.68	-2.35	6.28E	3.23	2.52	- .40	55.75E	15.16
Oregon R	-		-		-		-		-		6.99		2.77		2.03		3.17		1.10		0.89		2.04		-	
Oregon Water Wks	3.03	1.48	1.80	.45	1.53	- .77	5.20	2.34	0.92	-2.94	7.57	3.38	2.98	- .20	2.21	-1.54	3.41	- .65	1.07	-1.67	0.91	-1.19	2.25	.64	32.88	- .67
Ottawa	3.34	1.60	2.45	.81	1.44	-1.09	9.67	6.69	1.16	-2.78	5.06	1.71	3.68	.63	0.27	-3.53	2.65	-1.19	0.97	-1.58	1.34	- .83	0.97	- .59	33.00	- .15
Palestine	12.01	8.79	7.58	5.49	4.55	.54	4.72	1.31	3.45	- .69	5.55	1.57	[illegible].33	-1.10	4.99	1.21	4.03	.54	0.66	-2.54	6.55	3.69	2.39E	- .60	58.81E	18.21
Pana	8.75	6.39	[illegible].71	3.71	2.15	-1.05	3.23	- .23	2.18	-1.85	[illegible].89	2.76	3.47	.35	3.81	- .03	2.27	-1.29	2.48	- .59	3.06	.59	1.20	-1.09	45.20	7.67
Paris Sewage Plant R	-		4.61		2.66		3.78		1.34		5.66		-		-		-		1.31		3.90		1.51		-	
Paris Water Works	9.74	7.12	-	-	2.58	-1.08	-	-	1.57	-2.39	6.53	2.34	5.22	1.92	2.57	- .79	7.02	3.37	1.42	-1.60	4.84E	2.09	2.35	- .07	-	-
Paw Paw	3.30	1.65	1.71	.17	2.44	- .10	6.83	4.05	1.30	-2.40	9.16	5.29	2.10	- .86	1 55	-1.96	2.25	-1.90	1.12	-1.75	1.38	- .85	1 46	- .15	34.60	1.19
Payson	2.42	.52	1.78	.16	1.25	-1.30	4.30	.92	3.85	- .48	4.34	- .06	5.86	2.66	2.00	-1.69	0.85	-3.72	0.23	-2.25	1.47E	- .83	0.61E	-1.01	28.96E	-7.08
Peoria Lock & Dam R //	4.84	3.06	3.03	1.02	1.60	-1.13	7.53	4.15	2.04	-2.02	5.12	1.35	5.96	2.38	1.70	-1.42	3.30	- .73	0.45	-1.84	1.80	- .57	0.91	- .86	38.28	3.39
Peoria WB Airport R	4.09	2.31	2.75	.74	1.73	-1.00	8.49	5.11	1.45	-2.61	5.90	2.13	4.13	.55	1.67	-1.45	3.49	- .54	0.61	-1.68	2.04	- .33	0 95	- .82	37.30	2.41
Peotone	4.35	2.50	3.01	1.34	1.94	- .76	7.18	4.18	0.92	-2.88	5.56	2.00	3.22	.19	1.81	-1.63	4.30	.97	1.42	-1.33	2.28	.00	3.11	1 23	39.10	5.81
Petersburg	3.47	1.42	2.62	.92	1.76	-1.18	4.17	.90	2.18	-1.91	4.10	.25	3.84	.86	1.22	-2.04	1.84	-2.05	0.78	-1 92	2 08E	- .26	0 47	-1 24	28.53E	-6.25
Piper City R	-	-	-	-	-	-	5.62	2.38	-	-	3.50	.20	-	-	-	-	3.20	- .28	1.71	- .95	2.44	.16	0.78	-1.09	-	-
Pittsfield Water Wks R	3.37	1.37	1.83	.13	2.11	- .65	2.73	- .79	2.34	-1.95	0.97	-3.37	3.44	.32	1.85	-1.63	0.79	-3.92	0.84	-2.10	1.68	- .78	0 47	21	22.42	-14.58
Pleasant Hill 2 E	2.77	.71	1.68	- .09	2.33	- .51	2.94	- .63	2.84	-1.34	1.96	-2.26	2.36	- .89	2.72	- .82	1.20	-3 20	1.11	-1.93	2.62	.08	[illegible]	[illegible]	21.94	-12.20
Pontiac	4.41	2.33	2.89	1.05	1.22	-1.56	6.58	3.23	1.67	-2.14	6.37	3.14	5.57	2.75	0.53	-2.49	3.87	.2[illegible]	1.75	- .90	1.98	- .28	[illegible]	[illegible]	37.82	4.48
Prairie du Rocher R	14.91	12.04	-	-	4.66	1.23	4.35	.32	-	-	1.94	-1.92	1.42	-1.83	6.35	2.58	2 35	-1.11	0.82	-2.38	3.05	- .71	[illegible]	29	-	-
Princeton 1 S R //	3.40	1.68	[illegible].36	.78	1.49	-1.20	6.87	3.82	1.23	-2.89	5.32	1.64	2.28	- .97	-	-	3.42	- .52	0.60	-2.15	1.05	-1.15	0 87	- .60	-	-
Princeville 2 NW	3.91	2.19	1.96	.38	1.19	-1.38	7.79	4.73	1.47	-2.52	7.70	4.06	5.48	2.27	1.18	-2.14	3.61	- .33	0.96	-1 59	1.32	- .87	0.73	- .83	37.30	3.97
Prophetstown R	2.74	1.16	1.59	.07	0.90	-1.53	7.06	4.20	1.76	-2.42	5.96	1.75	3.48	- .10	1.64	-2.11	1.87	-2.13	1.15	-1.50	1 20	- .92	1.10	- .38	30.45	-3.91
Quincy	2.85	1.00	1.74	.14	1.42	-1.05	3.56	.23	3.09	-1.22	5.48	.99	5.28	2.05	2.30	-1.40	1.11	-3.44	0.47	-1.97	1.63	- .61	0.40	-1 19	29.33	-6.47
Quincy CAA AP	3.11	1.26	1.86	.25	1.23	-1.28	2.85	- .49	2.07	-2.25	7.77	3.29	5.35	2.13	1.45	-2.25	1.20	-3 36	0.17	-2.27	1.09	-1.16	0.37	-1.23	28.52	-7.36
Quincy Dam 21	2.76	.90	2.13	.52	1.31	-1.18	3.78	.44	2.67	-1.63	4.94	.47	5.52	2.29	[illegible].87	-1.84	0.78	-3.78	0.31	-2.13	1.47	.78	0.32	-1.28	27.86	-8.00
Quincy Memorial Br.	2.75	.89	1.69	.08	1.10	-1.39	3.77	.43	3.14	-1.16	5.02	.55	5.53	2.30	2.08	-1.63	1.23	-3.33	0.39	-2.05	1.38	- .87	0.45	-1.15	28.53	-7.33
Rantoul Chanute AF	6.76	4.54	3.65	1.99	1.69	-1.48	3.54	.03	2.63	-1.12	7.74	3.94	6.50	3.21	1.93	-1.77	5.53	1.98	2.85	.08	2.82	.55	1.39	- .57	47 03	11.38
Red Bud	[illegible].66	5.85	3.99	1.91	2.81	- .55	4.14	.09	4.04	- .11	3.12	- .58	1.62	-1.64	8.35	4.57	3.37	- .11	1.24	-2.07	3.79	1.04	0.54	-1.95	45.[illegible]	6.45
Richview R	8.84	5.84	5.76	3.61	3.59	- .07	3.90	.02	2.73	-1.26	3.34	- .68	5.48	2.34	6.80	3.27	2.36	- .94	1 15	-2.28	3.93	1.04	1.44	-1.20	49.[illegible]	9.69
Roberts 3 N	5.[illegible]	3.53	4.28	2.61	0.95	-1.85	7.24	4.00	1.51	-2.29	4.70	1.48	2.60	- .52	0.81	-2.49	-	-	2.08	- .57	2.26	.00	1.24	- .59	-	-
Rochelle	[illegible].76	5.29	1.72	.37	1.26	-1.05	5.92	3.06	1.04	-2.81	8.20	4.09	2.82	- .88	3.36	- .32	2.90	-1.30	1.29	-1.64	1.36	- .72	1.81	.16	38.44	4.25
Rockford	-	-	1.82	.30	-	-	-	-	1.29	-2.60	-	-	6.19	2.73	5.18	1.34	5.85	1.81	0.69	-2.15	0.89	-1.30	2.69	1.12	-	-
Rockford 4 NE	-		-		-		-		-		7.03		5.90		4.22		4.63		0.85		-		-		-	
Rockford CAA AP	2.95	1.30	0.99	- .54	1.76	- .74	5.57	2.84	1.23	-2.57	7.14	3.03	6.10	2.66	4.94	1.09	4.90	.83	0.65	-2.16	0 91	-1.23	1.96	39	39.10	4.90
Rock Island Dam 15	3.20	1.74	1.75	.32	1.33	-1.05	7.27	4.45	3.15	- .57	5.44	1.18	2.87	- .43	2.03	-1.62	1.99	-1.94	0.46	-1.96	0.93	-1.08	1.09	- .35	31.51	-1.31
Rockport	-	-	1.73	- .01	-	-	2.29	-1.27	2.83	-1.41	1.73	-2.61	2.79	- .44	3.29	- .27	0.70	-3.82	1.03	-1.90	1.86E	- .59	-	-	-	-

See reference notes following Station Index

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
Rushville	-	-	-	-	1.55	-1.17	3.79	.42	1.57	-2.67	5.80	1.93	4.43	1.27	3.07	- .40	0.85	-3.42	0.58	-1.70	1.48	- .73	-	-	-	-
Ste. Marie	11.89	8.78	6.51	4.35	3.70	- .29	4.55	1.15	3.39	- .72	5.02	.94	1.26	-2.02	2.69	-1.12	6.14	2.56	0.91	-2.29	5.61	2.69	2.96	.20	54.63	14.23
Salem	8.76	5.78	6.14	3.92	2.63	-1.04	5.98	1.96	2.31	-1.78	5.53	1.45	2.27	- .97	6.69	3.03	4.28	.95	1.20	-2.28	5.33	2.48	2.32	- .34	53.44	13.16
Shawneetown New Town	15.82	11.49	8.18	5.36	1.76	- .35	5.02	.81	6.41	2.47	3.20	- .51	2.33	-1.01	6.35	2.77	5.53	2.35	2.01	-1.10	4.79	1.35	1.59	-1.94	65.99	22.39
Sidell	9.22	6.71	1.84	2.98	2.21	-1.20	3.42	- .08	2.01	-1.86	4.35	.45	5.09	1.88	2.26	-1.11	9.08	5.59	2.64	- .29	3.32	.71	1.16	-1.16	49.60	12.62
Skokie N S Tr Wks R	3.34		2.50		2.34		7.31		1.05		6.43		4.94		2.59		1.09		2.71		1.92		1.78		38.00	
Sparta	1.80	6.83	5.68	3.61	2.94	- .51	1.50	.39	3.58	- .53	1.53	-2.07	1.74	-1.52	9.13	5.28	5.10	1.73	1.10	-2.36	2.54	- .28	0.86	-1.79	48.50	8.78
Springfield WB AP R //	5.22	3.12	2.25	- .08	1.75	-1.42	2.81	- .70	1.75	-2.63	4.25	.19	5.63	2.77	2.81	- .36	1.35	-2.29	0.97	-1.56	2.48	- .04	0.78	-1.40	32.05	-4.40
Springfield WB City R	5.66	3.56	2.27	- .06	1.90	-1.27	2.83	- .68	1.20	-3.18	4.93	.87	4.58	1.72	3.20	.03	1.61	-2.03	0.76	-1.77	2.46	- .06	0.91	-1.27	32.31	-4.14
Stickney W Side Tr R	-		-		-		-		0.93		7.93		4.94		1.30		1.33		1.19		-		-		-	
Stockton	2.75	1.40	1.21	- .02	1.96	- .08	4.78	2.10	2.44	-1.40	7.63	3.40	6.61	2.70	3.33	- .63	4.45	.28	0.45	-2.13	1.18	- .87	1.43	- .03	38.22	4.72
Streator	4.03	2.20	1.87	.28	1.01	-1.78	9.36	6.13	1.01	-2.65	5.08	1.56	4.36	1.26	1.31	-2.04	3.29	- .39	1.27	-1.24	2.02	- .30	1.93	.21	36.54	3.24
Sullivan Water Wks R //	9.09	6.72	-	-	2.09	-1.46	3.16	- .59	1.35	-2.98	5.67	1.38	6.38	3.17	3.96	.24	4.11	.24	1.16	-1.88	3.24	.56	1.48	- .94	-	-
Sycamore	3.97	2.47	1.91	.44	1.95	- .64	5.51	2.73	-	-	6.83	2.83	2.04	-1.04	-	-	3.60	- .45	0.88	-2.14	1.75	- .36	2.39	.81	-	-
Table Grove	3.80	1.94	1.84	.29	1.61	- .98	4.19	1.07	1.79	-2.21	4.83	.75	4.87	1.15	2.88	- .39	0.91	-3.15	0.77	-1.71	1.47	- .71	0.52	-1.04	29.48	-4.99
Taylorville	6.60	4.33	3.02	1.17	1.77	-1.40	3.61	.18	1.67	-2.29	7.04	3.06	4.08	.94	3.10	- .47	2.43	-1.06	3.36	- .55	2.59	.19	0.81	-1.20	39.08	2.90
Tiskilwa	-	-	1.95	.33	0.75	-2.00	6.36	3.23	1.18	-2.94	5.06	1.38	4.25	.98	1.47	-2.21	2.18	-1.69	1.70	-1.09	0.88	-1.39	0.96	- .60	-	-
Toulon	4.34	2.69	2.84	1.30	1.38	-1.27	6.57	3.51	1.61	-2.50	5.76	2.06	4.48	1.17	1.62	-1.82	3.44	- .44	1.12	-1.45	1.41	- .77	0.50	- .59	35.47	1.89
Tuscola	8.96	6.60	4.75	2.83	1.94	-1.50	3.25	- .43	1.97	-2.12	5.88	1.83	4.67	1.40	3.45	- .33	5.64	1.96	2.38	- .71	3.90	1.37	1.29	-1.01	48.08	9.89
Urbana	7.62	5.45	1.71	1.85	1.77	-1.52	4.53	.93	1.80	-2.03	4.32	.45	5.09	1.98	1.65	-1.88	4.36	1.01	2.29	- .53	3.67	1.20	2.18	.03	42.99	6.94
Urbana Exp. Farm R	7.06	4.89	2.89	1.03	1.67	-1.62	4.34	.74	1.53	-2.30	3.80	- .07	4.30	1.19	1.90	-1.63	3.24	- .11	2.53	- .29	2.75	.28	1.76	- .39	37.77	1.72
Urbana Eng. Campus	-	-	-	-	1.57	-1.72	1.55	.95	1.97	-1.86	4.22	.35	5.23	2.12	2.15	-1.38	4.42	1.07	2.10	- .72	-	-	-	-	-	-
Utica Starved Rock Dam	3.27	1.60	1.88	.30	1.21	-1.28	6.36	5.48	1.24	-2.36	5.47	1.97	3.87	.90	0.57	-3.24	3.28	- .66	1.03	-1.47	1.39	- .62	1.34	- .20	32.91	.42
Vandalia R	9.06	6.51	4.85	2.73	2.38	-1.12	5.00	1.33	1.44	-2.45	4.46	.43	3.25	.03	3.30	- .45	1.64	-1.73	1.38	-1.94	3.75	1.25	0.98	-1.46	41.49	3.13
Virden	6.21	3.99	2.34	.58	2.21	- .84	2.90	- .51	2.02	-1.97	7.91	3.96	2.73	- .32	4.10	.65	1.38	-2.39	1.19	-1.84	2.72	.22	0.61	-1.32	36.32	.21
Walnut	2.50	.80	2.01	.45	1.16	-1.32	7.70	4.96	1.46	-2.58	6.15	2.32	2.09	-1.28	1.85	-1.98	4.08	- .32	0.93	-1.81	1.45	- .61	0.66	- .81	32.04	-2.18
Warsaw	3.27	1.66	1.31	- .18	0.85	-1.40	3.40	.26	1.67	-2.51	7.83	3.13	6.51	3.20	3.12	- .24	0.85	-3.39	0.40	-2.29	1.09	-1.11	0.41	-1.13	30.71	-4.00
Washington R	4.81	2.89	3.09	1.29	1.37	-1.47	7.05	3.73	1.93	-2.18	5.37	1.59	5.87	2.63	1.36	-1.92	5.38	1.36	0.80	-1.84	2.07	- .23	0.87	- .79	39.97	5.06
Waterloo	8.78	6.14	3.74	1.68	2.43	- .68	7.31	3.32	3.97	- .22	3.98	.31	1.58	-1.69	7.68	4.05	4.73	1.25	0.63	-2.66	3.44	.76	1.03	-1.36	49.30	10.90
Waterman R //	3.29	1.64	1.40	- .14	2.29	- .24	5.77	3.02	1.22	-2.68	10.28	6.35	3.33	.35	1.18	-2.42	2.14	-2.03	1.19	-1.73	0.86	-1.37	2.26	.60	35.21	1.35
Watseka	6.96	5.02	4.74	3.14	1.60	-1.37	6.88	3.55	2.80	-1.49	4.75	1.13	3.17	- .11	1.09	-2.45	3.40	- .24	1.97	- .82	2.60	.22	1.27	- .82	41.23	5.76
Waukegan	3.93	2.27	2.24	.82	2.66	.21	7.09	4.28	1.11	-2.40	6.10	2.95	2.78	- .20	1.65	-1.44	1.64	-2.11	0.42	-2.30	1.47	- .64	3.11	1.40	34.20	2.84
Wayne City	11.30	8.10	5.32	2.92	3.77	- .08	7.78	4.00	3.09	- .93	2.40	-1.66	2.02	- .98	4.03	.40	5.35	1.80	0.85	-2.38	6.51	3.59	3.36	.39	55.78	15.16
Wenona R	4.05	2.39	-	-	1.48	-1.10	6.21	3.25	0.74	-3.06	5.63	2.05	6.44	3.39	0.57	-2.97	5.34	1.59	1.92	- .60	1.58	- .60	1.07	- .58	-	-
West Frankfort 8 E R	15.41	11.90	6.21	3.72	3.89	- .08	7.21	3.32	3.36	1.55	4.65	.69	2.58	- .50	7.86	4.46	3.86	.38	1.20	-2.02	-	-	1.98	-1.12	-	-
Wheaton College	-	-	1.34	- .31	2.18	- .42	5.52	2.68	1.09	-2.68	7.23	3.26	3.43	.38	1.23	-2.07	3.00	- .96	2.02	- .78	2.02	- .20	2.95	1.22	-	-
White Hall 1 E	3.76	1.68	1.17	- .62	1.91	-1.14	2.54	-1.08	2.60	-1.48	3.14	- .80	2.18	-1.03	2.78	- .71	1.27	-2.91	0.98	-2.29	2.25	- .36	0.40	-1.53	24.98	-12.27
Wilcox	10.70	7.44	5.77	3.59	3.24	- .62	5.06	1.39	2.09	-1.91	3.58	- .24	1.80	-1.45	2.42	-1.23	4.84	1.28	1.39	-1.71	6.20	3.22	2.50	- .36	49.59	9.40
Windsor	11.06	8.64	5.33	3.20	2.56	-1.13	3.96	.20	4.05	- .42	6.72	2.48	6.34	2.94	4.29	.71	6.00	2.17	1.37	-1.62	4.15	1.52	1.80	- .71	57.63	17.98
Yates City R	-	-	-	-	0.90	-1.68	7.66	4.61	1.30	-2.75	6.47	2.57	8.34	4.82	2.15	-1.12	1.67	-2.43	0.87	-1.70	-	-	0.67	-	-	-
Section Average	7.10	4.68	3.87	1.91	2.38	- .81	5.17	1.58	2.57	-1.53	5.63	1.61	3.98	.75	3.63	.27	3.25	- .39	1.30	-1.37	2.82	.20	1.45	- .70	43.15	6.33

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Carbondale Sewage Plant	EVAP	-	-	3.62B	-	6.19B	6.89B	7.43	5.82B	3.64B	2.84B	-	-	-
	DEP													
	WIND	-	-	3125	-	1720	1591	1239	575	925	1010	-	-	-
Rockford 4 NE	EVAP	-	-	-	-	-	-	-	4.44B	3.51B	3.76	-	-	-
	DEP													
	WIND	-	-	-	-	-	-	-	400	742	1207	-	-	-
Springfield WB Airport	EVAP	-	-	-	4.76B	8.09	8.65	8.41B	6.01B	4.60	5.33	-	-	-
	DEP				- .43	2.19	1.67	.02	-1.21	-1.07	1.61			
	WIND	-	-	-	4347	3111	3239	2315	2032	2434	2830	-	-	-
Urbana Eng. Campus	EVAP	-	-	-	-	-	-	5.29B	4.26	2.58B	2.35	-	-	-
	DEP													
	WIND	-	-	-	-	-	-	553	510	620	734	-	-	-

See reference notes following Station Index.

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
Aledo	92	6-25	-10	2-26	4-13 (19°)	4-15 (28°)	5- 1 (32°)	10-25 (31°)	11- 4 (27°)	11-10 (22°)	211	203	177
Alton Dam 26	98	7-12	3	12- 7+	4-13 (24°)	4-14 (28°)	4-15 (30°)	11- 4 (32°)	11-10 (22°)	11-10 (22°)	211	210	203
Anna 1 NW	95	6-26	- 5	11-25	4-14 (24°)	4-14 (24°)	4-15 (30°)	11- 5 (26°)	11- 5 (26°)	11-11 (17°)	211	205	204
Antioch	89	5-24+	-15	12-27	4-14 (23°)	4-21 (25°)	5- 2 (32°)	11- 4 (28°)	11- 4 (28°)	11-11 (12°)	211	197	186
Aurora College	92	8-16	-24	12-27	4-15 (23°)	4-28 (28°)	4-28 (28°)	10- 5 (29°)	10-25 (28°)	11- 5 (18°)	204	180	160
Belleville Scott AF	96	6-25	4	11-24+	-	-	-	11- 5 (27°)	11- 5 (27°)	11-10 (23°)	-	-	-
Bloomington Normal	94	6-25	-12	2-26	4-14 (24°)	4-21 (28°)	4-28 (32°)	11- 5 (25°)	11- 5 (25°)	11-17 (24°)	217	198	191
Cairo WB City	98	6-18	5	11-25	3- 2 (19°)	3-14 (25°)	4-14 (32°)	11- 5 (31°)	11-10 (28°)	11-23 (15°)	266	241	205
Carbondale Sewage Plant	97	6-26	0	11-25	4-14 (24°)	4-15 (27°)	4-16 (30°)	10- 5 (32°)	11- 5 (27°)	11-11 (17°)	211	204	172
Carlinville 4 E	94	6-25	- 5	12-18	4-15 (23°)	4-21 (28°)	4-21 (28°)	10- 5 (28°)	10- 5 (28°)	11- 5 (20°)	204	167	167
Carlyle	98	6-25	-	-	3-14 (21°)	4-14 (26°)	4-14 (26°)	11- 3 (32°)	-	-	-	-	203
Charleston	95	6-25	- 4	12-28	4-13 (22°)	4-15 (27°)	4-21 (31°)	11- 5 (24°)	11- 5 (24°)	11- 5 (24°)	206	204	198
Chicago Heights	93	5-24	-	-	4-13 (20°)	4-14 (26°)	4-27 (30°)	10- 5 (30°)	10-25 (28°)	11- 5 (20°)	206	194	161
Chicago University	92	5-24	- 2	12-27	4-13 (22°)	4-13 (22°)	4-15 (31°)	11- 4 (30°)	11-10 (24°)	11-10 (24°)	211	211	203
Chicago WB Airport	93	5-24+	-10	12-27	4-13 (21°)	4-15 (26°)	4-28 (30°)	11- 4 (27°)	11- 4 (27°)	11-10 (22°)	211	203	190
Chicago WB City	92	5-24+	0	11-24	3-19 (24°)	4-13 (26°)	4-15 (32°)	11- 4 (32°)	11-10 (24°)	11-10 (24°)	236	211	203
Cicero	93	5-24+	- 7	12-27	4-13 (20°)	4-15 (27°)	4-28 (30°)	11- 4 (31°)	11- 5 (25°)	11-11 (14°)	212	204	190
Danville	92	5-25+	- 6	11-25	4-14 (21°)	4-15 (27°)	4-28 (30°)	10- 5 (31°)	11- 5 (23°)	11- 5 (23°)	205	204	160
Decatur	96	6-25	- 5	2-26	4-14 (23°)	4-15 (27°)	4-21 (29°)	10-25 (32°)	11- 5 (25°)	11-11 (15°)	211	204	187
Dixon	91	5-24+	-21	12-27	4-15 (24°)	4-28 (26°)	5- 1 (31°)	9-24 (31°)	10-25 (27°)	11- 5 (22°)	204	180	146
Du Quoin	97	6-25+	0	11-25	4-14 (24°)	4-14 (24°)	4-15 (31°)	11- 5 (28°)	11- 5 (28°)	11-11 (18°)	211	205	204
East Saint Louis	98	6-26	3	11-24	3-14 (22°)	4-14 (26°)	4-15 (31°)	11- 5 (29°)	11-10 (28°)	11-11 (19°)	242	210	204
Effingham CAA AP	93	6-25	- 6	11-25	4-14 (20°)	4-15 (27°)	4-21 (29°)	10-25 (32°)	11- 4 (28°)	11- 5 (23°)	205	203	187
Elizabethtown	95	6-26	- 9	11-25	3-14 (20°)	4-14 (25°)	4-15 (32°)	11- 5 (28°)	11- 5 (28°)	11-11 (17°)	242	205	204
Fairfield	95	6-25	-	-	3-14 (20°)	4-14 (26°)	4-16 (29°)	-	-	-	-	-	-
Flora	98	6-25	1	11-25+	3-14 (22°)	-	-	11- 5 (28°)	11- 5 (28°)	11-10 (23°)	241	-	-
Freeport	90	8-16	-29	12-27	4-21 (23°)	4-28 (28°)	5- 2 (32°)	9-24 (32°)	10-25 (26°)	11- 4 (24°)	197	180	145
Fulton Dam 13	91	6-25	-20	12-27	4-13 (22°)	4-14 (28°)	4-21 (30°)	11- 5 (28°)	11- 5 (28°)	11-10 (24°)	211	205	198
Galesburg	94	6-25	-11	2-26	4-13 (21°)	4-14 (27°)	4-21 (29°)	10-25 (30°)	11-10 (20°)	11-10 (20°)	211	210	187
Galva	93	6-25	-11	2-26	4-13 (18°)	4-21 (28°)	4-28 (29°)	10- 4 (32°)	11- 4 (27°)	11- 5 (23°)	206	197	159
Golconda Dam 51	95	6-26	- 4	11-24+	3-14 (20°)	4-14 (25°)	4-15 (32°)	11- 4 (30°)	11- 5 (27°)	11-10 (23°)	241	205	203
Greenville	93	6-25	0	11-25+	4-13 (24°)	4-14 (27°)	4-15 (30°)	11- 5 (26°)	11- 5 (26°)	11-11 (15°)	212	205	204
Griggsville	96	6-25	- 6	12-18	4-15 (22°)	4-15 (22°)	4-27 (31°)	10- 4 (32°)	11- 4 (25°)	11- 5 (21°)	204	203	160
Harrisburg	97	6-26	- 2	11-25	4-14 (24°)	4-14 (24°)	4-16 (30°)	11- 5 (26°)	11- 5 (26°)	11-11 (17°)	211	205	203
Havana	94	6-25	- 4	12-18	4-13 (22)	4-15 (28°)	4-21 (29°)	10- 5 (30°)	11- 5 (23°)	11- 5 (23°)	206	204	167
Henry	93	6-25	-14	2-26	4-14 (23°)	4-20 (28°)	5- 1 (32°)	10- 5 (32°)	-	-	-	-	157
Hillsboro	95	6-25	- 5	11-25	4-14 (23°)	4-20 (28°)	4-28 (29°)	10- 5 (32°)	11- 5 (25°)	11-11 (13°)	211	199	160
Hoopeston	90	5-24+	-10	11-25	4-15 (23°)	4-28 (28°)	4-28 (28°)	10- 5 (31°)	11- 5 (19°)	11- 5 (19°)	204	191	160
Jacksonville	97	6-25	- 6	12-18	4-14 (23°)	4-21 (25°)	4-26 (31°)	10- 5 (32°)	11- 5 (21°)	11- 5 (21°)	205	198	162
Jerseyville	96	6-25	- 1	12- 7	4-13 (23°)	4-14 (27°)	4-15 (30°)	11- 4 (31°)	11- 5 (25°)	11-10 (21°)	211	205	203
Joliet WB Airport	93	5-24+	-19	12-27	4-14 (22°)	4-28 (27°)	4-28 (27°)	10- 4 (32°)	11- 4 (20°)	11- 4 (20°)	204	190	159
Kankakee	90	5-24+	-13	12-27	4-14 (23°)	4-15 (26°)	4-28 (30°)	11- 4 (30°)	11- 5 (22°)	11- 5 (22°)	205	204	190
Kankakee 4 NW	90	5-24+	-15	12-27	4-15 (24°)	4-28 (28°)	4-28 (28°)	10- 5 (30°)	11- 5 (17°)	11- 5 (17°)	204	191	160
Kewanee	91	6-25+	-12	12-27	4-13 (19°)	4-28 (28°)	4-28 (28°)	10- 5 (30°)	11- 4 (28°)	11- 5 (23°)	206	190	160
Lacon	-	-	-	-	-	-	-	-	-	11-19 (23°)	-	-	-
La Harpe 1 SW	93	6-16+	-10	2-26+	4-14 (23°)	4-15 (27°)	5- 1 (32°)	10- 5 (30°)	11- 4 (24°)	11- 4 (24°)	210	203	157
La Salle	95	6-25	- 9	12-27	4-13 (21°)	4-15 (28°)	4-28 (30°)	10- 5 (31°)	11- 5 (24°)	11- 5 (24°)	206	204	160
Lincoln	95	6-25	- 7	2-26	4-14 (24°)	4-15 (28°)	4-21 (30°)	10-25 (30°)	11- 5 (26°)	11-10 (24°)	210	204	187
Marengo	91	5-24	-26	12-27	4-28 (24°)	4-28 (24°)	5- 2 (30°)	-	10- 5 (28°)	11- 5 (20°)	191	160	-
Mattoon	92	6-25	- 4	12-19	4-13 (22°)	4-15 (26°)	4-21 (29°)	10-25 (32°)	11- 4 (28°)	11-11 (22°)	212	203	187
McLeansboro	96	6-25+	- 1	11-25	3-14 (21°)	4-14 (26°)	4-16 (32°)	11- 5 (27°)	11- 5 (27°)	11-11 (18°)	242	205	203
Minonk	93	6-25+	-15	2-26	4-13 (19°)	4-21 (28°)	4-29 (30°)	10- 5 (29°)	11- 5 (21°)	11- 5 (21°)	206	198	159
Moline WB Airport	94	6-25	-12	2-26+	4-14 (24°)	4-21 (28°)	4-28 (31°)	10-25 (31°)	11- 4 (26°)	11-10 (16°)	210	197	180
Monmouth Airport	91	6-25	-11	12-18	4-14 (21°)	4-21 (26°)	5- 1 (31°)	10- 4 (32°)	10-25 (28°)	11-10 (21°)	210	187	156
Morris 3 NE	92	7-12	-16	2-26	4-14 (24°)	4-21 (28°)	4-28 (29°)	10- 5 (31°)	11- 5 (19°)	11- 5 (19°)	205	198	160
Morrison	94	6-25	-20	12-27	4-14 (24°)	4-28 (28°)	5- 1 (31°)	10-25 (30°)	11- 5 (24°)	11- 5 (24°)	205	191	177
Morrisonville 1 E	94	6-25	- 6	12-18	4-13 (23°)	4-15 (27°)	4-21 (29°)	10-25 (30°)	11- 5 (22°)	11- 5 (22°)	206	204	187
Mount Carmel	96	6-25	2	11-25	3-14 (21°)	4-14 (25°)	4-15 (29°)	11- 5 (25°)	11- 5 (25°)	11-10 (24°)	241	205	204
Mount Carroll	90	6-25	-26	12-27	4-15 (23°)	4-28 (27°)	5- 1 (31°)	9-24 (31°)	10-25 (27°)	11- 5 (20°)	204	180	146
Mount Vernon	99	6-25	- 1	11-25	3-18 (22°)	4-14 (26°)	4-14 (26°)	11- 5 (25°)	11- 5 (25°)	11-11 (17°)	238	205	205
New Burnside	93	6-25	- 9	11-25	4-14 (21°)	4-15 (25°)	4-15 (25°)	11- 5 (26°)	11- 5 (26°)	11-10 (24°)	210	204	204
Newton	96	6-25+	0	11-25	4-15 (24°)	4-21 (26°)	4-21 (26°)	9-25 (31°)	11- 5 (20°)	11- 5 (20°)	204	198	157
Olney Radio Station	95	6-25	0	11-25	3-14 (23°)	4-15 (28°)	4-21 (30°)	11- 5 (25°)	11- 5 (25°)	11-11 (20°)	242	204	198
Ottawa	96	5-24+	- 9	2-26+	4-13 (21°)	4-15 (27°)	4-28 (29°)	10-25 (32°)	11- 5 (23°)	11- 5 (23°)	206	204	180
Palestine	95	6-24+	1	11-25	4-14 (24°)	4-15 (27°)	4-21 (32°)	10- 5 (31°)	11- 5 (24°)	11- 5 (24°)	205	204	167
Pana	97	6-25	- 3	11-25+	4-13 (22°)	4-15 (25°)	4-21 (32°)	11- 5 (24°)	11- 5 (24°)	11- 5 (24°)	206	204	198
Paris Water Works	94	6-25	-11	2-26	4-14 (21°)	-	-	10-25 (31°)	11- 5 (22°)	11- 5 (22°)	205	-	-
Peoria WB Airport	94	6-25	-10	2-26	4-13 (20°)	4-14 (25°)	4-28 (32°)	11- 4 (27°)	11- 4 (27°)	11- 5 (24°)	206	204	190
Pontiac	90	5-24	- 9	2-26	4-13 (20°)	4-15 (27°)	4-28 (30°)	10-25 (32°)	11- 5 (25°)	11-10 (24°)	211	204	180
Quincy	98	6-25	- 3	12-18	4-13 (23°)	4-14 (25°)	4-21 (30°)	11- 3 (32°)	11- 5 (28°)	11-10 (23°)	211	205	196
Quincy CAA AP	92	6-25+	- 7	12-18	4-14 (22°)	4-14 (22°)	4-26 (29°)	11- 3 (30°)	11- 4 (25°)	11- 5 (22°)	205	204	191
Rantoul Chanute AF	92	6-25	- 6	2-26	4-13 (20°)	4-14 (26°)	4-21 (30°)	11- 2 (31°)	11- 4 (28°)	11- 5 (24°)	206	204	195
Roberts 3 N	91	7-12+	-11	2-26	4-13 (20°)	4-21 (28°)	4-28 (29°)	-	11- 5 (20°)	11- 5 (20°)	206	198	-
Rockford	93	8-16	-19	12-27	4-14 (22°)	4-28 (28°)	5- 1 (32°)	9-24 (32°)	11- 4 (26°)	11- 5 (23°)	205	190	146
Rockford CAA AP	91	7-12	-25	12-27	4-14 (23°)	4-28 (28°)	4-28 (28°)	9-24 (31°)	10-25 (27°)	11- 4 (20°)	204	180	149
Rushville	96	6-25	-	-	4-14 (24°)	4-14 (24°)	4-21 (32°)	11- 4 (31°)	11- 5 (24°)	11- 5 (24°)	205	205	197
Sparta	98	6-25	2	11-25	3-14 (19°)	4-14 (28°)	4-15 (32°)	11- 5 (28°)	11- 5 (28°)	11-11 (17°)	242	205	204
Springfield WB Airport	94	6-25	- 6	12-18	4-13 (23°)	4-15 (27°)	4-21 (30°)	10-25 (32°)	11- 4 (25°)	11- 5 (24°)	206	203	187
Springfield WB City	96	6-25	- 1	12-18	4-13 (24°)	4-13 (24°)	4-14 (30°)	11- 4 (32°)	11-10 (22°)	11-10 (22°)	211	211	204
Stockton	90	6-25	-17	12-27	4-14 (20°)	4-28 (28°)	5- 2 (31°)	9-24 (32°)	11- 3 (26°)	11- 5 (22°)	205	189	145
Sycamore	92	8-16	-17	12-27	4-14 (22°)	4-28 (25°)	5- 1 (32°)	9-24 (31°)	10- 5 (29°)	11- 5 (20°)	205	160	146
Table Grove	93	6-25	- 7	12-18	4-13 (21°)	4-14 (25°)	4-15 (29°)	11- 3 (31°)	11- 4 (28°)	11-10 (21°)	211	204	202
Tuscola	93	6-25	-10	12-18	4-14 (23°)	4-21 (27°)	4-21 (27°)	10- 5 (32°)	11- 5 (22°)	11- 5 (22°)	205	198	167
Urbana	91	5-24+	- 5	11-25	4-13 (21°)	4-15 (28°)	4-21 (31°)	11- 5 (25°)	11- 5 (25°)	11-11 (16°)	212	204	198
Virden	94	6-25	- 5	12-18	4-13 (22°)	4-15 (27°)	4-21 (29°)	10-25 (31°)	11- 5 (22°)	11- 5 (22°)	206	204	187
Walnut	94	6-25	-12	12-27	4-14 (23°)	4-21 (27°)	5- 1 (31°)	10-25 (29°)	11- 5 (26°)	11-11 (12°)	211	198	177
Watseka	91	5-24+	-10	2-26	4-14 (24°)	4-15 (25°)	4-28 (32°)	10- 5 (30°)	11- 5 (21°)	11- 5 (21°)	205	204	160
Waukegan	92	8-16	-12	12-27	4-13 (19°)	4-15 (27°)	5- 2 (31°)	10- 5 (32°)	11- 4 (27°)	11- 5 (23°)	206	203	156
Wheaton College	-	-	-	-	-	-	-	10-25 (30°)	11- 5 (23°)	11- 5 (23°)	-	-	-
White Hall 1 E	95	6-25	- 2	12-18	4-13 (23°)	4-15 (27°)	4-26 (31°)	10- 5 (32°)	11- 5 (22°)	11- 5 (22°)	206	204	162
Windsor	94	6-25	- 6	11-25	4-14 (22°)	4-14 (22°)	4-21 (32°)	11- 5 (25°)	11- 5 (25°)	11-11 (14°)	211	205	198

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
Albion	0055	Edwards	7	38 22	88 03	447		38				2
Aledo	0072	Mercer	4	41 12	90 45	739	49	51				1 2 3
Alexis Water Works	0082	Warren	2	41 03	90 34	694		10				2
Alton Dam 26	0137	Madison	4	38 53	90 11	432		6				1 2 3
Anna 1 NW	0187	Union	5	37 28	89 15	629	66	66				1 2 3
Annawan	0195	Henry	6	41 24	89 54	620		9				2
Antioch	0203	Lake	1	42 29	88 06	770	30	30				1 2 3
Arlington Heights 4 SSE	0247	Cook	1	42 02	87 58	704				Nov.		2
Augusta	0330	Hancock	1	40 14	90 57	680		10				2
Aurora College	0338	Kane	1	41 45	88 20	744	70	80				1 2 3
Avon	0356	Fulton	1	40 40	90 26	641				Oct.		2
Barry	0445	Pike	4	39 41	91 03	640		9				2
Beardstown	0492	Cass	1	40 01	90 26	444		49				2
Beardstown Lagrange Dam	0497	Brown	1	39 56	90 32	434		10				2
Belleville Scott AF Base	0510	St. Clair	2	38 32	89 51	444	27	27				1 2 3
Belvidere Sewage Plant	0583	Boone	6	42 16	88 52	778		9				2
Bentley	0598	Hancock	4	40 20	91 07	671		-				2
Benton	0608	Franklin	4	38 00	88 55	474		47				2
Bloomington	0761	McLean	1	40 30	89 01			46				2
Bloomington Normal	0766	McLean	1	40 30	89 00	830	57	59				1 2 3
Bluffs	0781	Scott	1	39 45	90 33	467		10				2
Bradford CAA AP	0873	Bureau	1	41 13	89 37	795		[illegible]				2
Brookport Dam 52	0993	Massac	5	37 08	88 39	335		24				2
Cairo WB City	1166	Alexander	4	37 00	89 10	314	78	79				1 2 3
Camp Ellis	1230	Fulton	1	40 23	90 20	640		7				2
Canton	1250	Fulton	1	40 34	90 02	655		10				2
Carbondale Sewage Plant	1265	Jackson	4	37 44	89 12	420	45	56				1 2 3 4
Carlinville 4 E	1280	Macoupin	1	39 17	89 49	627	59	59				1 2 3
Carlyle	1288	Clinton	2	38 36	89 22	461	12	32				1 2 3
Carmi	1296	White	7	38 05	88 10	399		27				2
Carpenter 1 SW	1304	Madison	4	38 53	89 54	520		12				2
Casey	1329	Clark	7	39 18	88 00	648		61				2
Centralia 4 W	1386	Marion	2	38 31	89 12	494		27				2
Chandlerville	1412	Cass	1	40 03	90 09	464		10				2
Channahon Dresden Isld	1420	Grundy	1	41 24	88 17	510		9				2
Charleston	1436	Coles	7	39 30	88 11	686	60	70				1 2 3
Chenoa	1475	McLean	1	40 44	88 44	713		5				2
Chester	1491	Randolph	4	37 54	89 50	381		59				2
Chicago Cal Treat Wks.	1522	Cook	3	41 40	87 36	593		13				2
Chicago Heights	1527	Cook	3	41 30	87 38	634		10				1 2 3
Chicago Lakeview Pumping	1532	Cook	3	41 58	87 40	651		17				2
Chicago Loyola Univ.	1537	Cook	3	42 00	87 40	592	77	17				2
Chicago Mayfair Pmpg Sta.	1542	Cook	3	41 58	87 45	647		24				2
Chicago N Branch Pump Sta.	1547	Cook	3	41 58	87 42	595		17				2
Chicago Roseland Pumping	1552	Cook	3	41 42	87 38	659		24				2
Chicago San Dist Dispatch	1557	Cook	3	41 50	87 42	602		19				2
Chicago San Dist Office	1562	Cook	3	41 52	87 38	898		24				2
Chicago S Filter Plant	1564	Cook	3	41 45	87 33			-				2
Chicago Springfield Pumping	1567	Cook	3	41 55	87 44	630		24				2
Chicago University	1572	Cook	3	41 47	87 36	594		79				1 2 3
Chicago WB Airport	1577	Cook	3	41 47	87 44	623	22	22				1 2 3
Chicago WB City	1582	Cook	3	41 53	87 37	823	80	80				1 2 3
Chillicothe	1627	Peoria	1	40 55	89 29	490		10				2
Cicero	1648	Cook	3	41 51	87 46	608	16	16				1 2 3
Cisne Brown Camp	1664	Wayne	7	38 31	88 24			10				2
Clinton 1 S	1743	De Witt	1	40 08	88 58	746		40				2
Collinsville	1825	Madison	4	38 40	89 59	500		12				2
Coulterville	1944	Randolph	4	38 11	89 36	590		10				2
Crete	2011	Will	3	41 27	87 38	675		8				2
Danville	2140	Vermilion	7	40 08	87 38	602	47	50				1 2 3
Danville Hospital	2143	Vermilion	7	40 08	87 39	575		1				2
Danville Sewage Plant	2145	Vermilion	7	40 08	87 39	555		-				2
Decatur	2193	Macon	1	39 51	88 57	682	58	62				1 2 3
Des Plaines 1 NW	2286	Cook	1	42 03	87 55	704		10			Nov.	2
Diona	2330	Coles	7	39 22	88 08	660		6				2
Dixon	2348	Lee	6	41 50	89 29	696	59	60				1 2 3
Douglas	2397	Knox	[illegible]	40 47	90 05	650		5			Nov.	2
Downs 2 NE	2417	McLean	1	40 25	88 51	794		10				2
Du Quoin	2483	Perry	4	38 01	89 14	468	58	61				1 2 3
Dwight	2497	Livingston	1	41 06	88 25	641		48			Dec.	2
Dwight St. Reformatory	2502	Livingston	1	41 05	88 23	641		10				2
East Saint Louis	2614	St. Clair	4	38 37	90 07	413	8	8				1 2 3
Edelstein	2642	Peoria	1	40 57	89 38					Oct.		2
Edwardsville	2679	Madison	7	38 49	89 58	554		51				2
Effingham CAA AP	2687	Effingham	7	39 09	88 33	612	50	52				1 2 3
Elgin	2736	Kane	1	42 02	88 17	729		43				2
Elizabethtown	2750	Hardin	5	37 27	88 18	357		8				1 2 3
Elsah	2800	Jersey	4	38 57	90 22	429		6				2
Evanston Pumping Sta.	2888	Cook	3	42 02	87 41	625		22				2
Fairbury Water Works	2923	Livingston	1	40 44	88 31	691		[illegible]				2
Fairfield	2931	Wayne	7	38 23	88 21	451	56	60				1 2 3
Farmer City	2993	De Witt	1	40 14	88 38	732		10				2
Flora	3109	Clay	7	38 40	88 29	490	60	76				1 2 3
Freeport	3257	Stephenson	6	42 18	89 37	762	44	45				1 2 3
Freeport Sewage Plant	3262	Stephenson	6	42 17	89 36	751		9				2
Fulton Dam 13	3290	Whiteside	4	41 54	90 09	592	8	14				1 2 3
Galatia 1 W	3304	Saline	5	37 51	88 37	410		9				2
Galena	3312	Jo Daviess	4	42 25	90 26	603		30				2
Galesburg	3320	Knox	1	40 57	90 22	780		55				2
Galva	3335	Henry	1	41 10	90 02	849	57	74				1 2 3
Geneseo	3384	Henry	6	41 27	90 09	639		52				2
Gibson City	3413	Ford	1	40 28	88 23	753		16				2
Gladstone Dam 18	3455	Henderson	1	40 50	91 04	538		14				2
Glendale Exp. Farm	3482	Pope	5	37 26	88 41	500		12				2
Golconda Dam 51	3522	Pope	5	37 22	88 29	354	46	69				1 2 3
Golden	3530	Adams	1	40 06	91 01	725		61				2
Grafton	3572	Jersey	4	38 58	90 26	404		54				2
Grand Tower 2 N	3595	Jackson	4	37 40	89 30	367		10				2
Greenfield	3666	Greene	1	39 20	90 12	556		6				2
Greenup	3683	Cumberland	7	39 15	88 10	554		8				2
Greenville	3693	Bond	2	38 53	89 24	563	61	67				1 2 3
Gridley	3709	McLean	1	40 45	88 53	752		10				2
Griggsville	3717	Pike	1	39 43	90 44	685	63	68				1 2 3
Hardin	3850	Calhoun	1	39 09	90 37	700		10				2
Harrisburg	3879	Saline	5	37 44	88 32	366	52	52				1 2 3
Harrisburg Disposal Pl	3884	Saline	5	37 44	88 31			-				2
Havana	3930	Mason	1	40 18	90 03	451	58	65				1 2 3
Havana No. 2	3940	Mason	[illegible]	40 18	90 04	460		-				2
Henry	4017	Marshall	[illegible]	41 07	89 22	491	61	71			Nov.	[illegible]
Hillsboro	4108	Montgomery	2	39 09	89 29	626	54	55				1 2 3
Hoopeston	4198	Vermilion	7	40 28	87 40	717	48	48				1 2 3
Hudson Lk Bloomington	4269	McLean	1	40 40	88 56	740		9				2
Hutsonville	4312	Crawford	7	39 0[illegible]	87 40			9				2
Hutsonville P r Plant	4317	Crawford	7	39 06	87 40			-				2
Illinois City Dam 16	4355	Rock Island	4	41 25	91 01	554		14				2
Jacksonville	4442	Morgan	1	39 44	90 14	607	56	57				1 2 3
Jacksonville Sewage Pl	4447	Morgan	1	39 44	90 14	575		10				2
Jerseyville	4489	Jersey	1	39 07	90 20	635	7	7				1 2 3
Joliet Brandon Rd Dam	4530	Will	1	41 30	88 06	543		59				2
Joliet WB Airport	4535	Will	1	41 30	88 10	584	8	9				1 2 3
Kankakee	4593	Kankakee	1	41 07	87 52	631	36	39				1 2 3
Kankakee 4 NW	4598	Kankakee	1	41 08	87 56	620	-	9				1 2 3
Kankakee Sewage Plant	4603	Kankakee	1	41 08	87 53	642		10				2
Keithsburg	4655	Mercer	4	41 06	90 57	540		19				2
Kewanee	4710	Henry	1	41 14	89 55	853	10	10				1 2 3
Kewanee Baker Park	4715	Henry	1	41 15	89 54	800		10				2
Kickapoo	4729	Peoria	1	40 47	89 45			5			Oct.	2
Lacon	4805	Marshall	1	41 02	89 25	480				Nov.		1 2 3
La Harpe 1 SW	4823	Hancock	1	40 35	90 58	691	55	55				1 2 3
Lanark	4879	Carroll	4	42 06	89 50	883		11				2
La Salle	4922	La Salle	1	41 20	89 06	522	45	49				1 2 3
La Salle 1 S	4923	La Salle	1	41 19	89 06					Aug.		2
Lawn Ridge	4951	Marshall	1	40 58	89 38	828		7			Oct.	2
Lawrenceville	4959	Lawrence	7	38 44	87 41	472		8				2
Leroy	5036	McLean	1	40 21	88 46	780		14				2
Lincoln	5079	Logan	1	40 09	89 22	591	62	62				1 2 3
Lincoln No. 2	5084	Logan	1	40 09	89 21	600		-				2
Lockport Lock & Dam	5131	Will	1	41 34	88 05	585		10				2
Lockport Power House	5136	Will	1	41 34	88 05	585		9				2
Louisville	5216	Clay	7	38 46	88 30	480		10				2
Mackinaw	5272	Tazewell	1	40 32	89 21	646		10				2
Macomb	5280	McDonough	1	40 28	90 40	702		45				2
Marengo	5326	McHenry	6	42 15	88 36	819	89	95				1 2 3
Marietta	5334	Fulton	1	40 30	90 24	546		10				2
Marion	5342	Williamson	4	37 44	88 55	448		8				2
Maroa	5364	Macon	1	40 02	88 57	725		10				2
Marseilles Lock	5372	La Salle	[illegible]	41 20	88 45	486		9				2
Marshall	5380	Clark	7	39 23	87 42	606		10				2
Mascoutah	5405	St. Clair	2	38 29	89 48	425		68				2
Mason City	5413	Mason	1	40 12	89 42	581		10				2
Mattoon	5430	Coles	7	39 28	88 21	718	-	-				1 2 3
Mc Henry	5493	Mc Henry	1	42 21	88 16	750		11				2
Mc Henry 2 S	5498	Mc Henry	1	42 19	88 15	742		9				[illegible]
McLeansboro	5515	Hamilton	5	38 05	88 32	500	66	68				1 2 3
Medora	5539	Macoupin	1	39 10	90 08	622		8				2
Minonk	5712	Woodford	1	40 54	89 02	751	56	56				1 2 3
Moline WB Airport	5751	Rock Island	6	41 27	90 31	589	17	19				1 2 3
Monmouth Airport	5768	Warren	4	40 55	90 38	770	57	57				1 2 3
Monticello	5791	Piatt	1	40 02	88 34	659		[illegible]				2
Morris	5820	Grundy	1	41 21	88 26			-				2
Morris 3 NE	5825	Grundy	[illegible]	41 24	88 22	549	38	38				1 2 3
Morrison	5833	Whiteside	6	41 49	89 58	670	54	54				1 2 3
Morrisonville	5841	Christian	1	39 25	89 27	638		-				2
Morrisonville 1 E	5846	Christian	1	49 25	89 26	638	53	54				1 2 3
Mount Carmel	5888	Wabash	7	38 25	87 46	465	47	67				1 2 3
Mount Carmel Water Wks.	5893	Wabash	7	38 25	87 45	424		10				2
Mount Carroll	5901	Carroll	4	42 05	89 58	817	60	60				1 2 3
Mount Olive	5917	Macoupin	4	39 04	89 43	681		20				2
Mount Pulaski	5927	Logan	1	40 00	89 17	687		20				2
Mount Sterling	593[illegible]	Brown	1	39 59	90 46	711		7				2
Mount Vernon 4 N	5943	Jefferson	4	38 22	88 55	590	54	55				1 2 3
Murphysboro Wtr Works	5983	Jackson	4	37 46	89 19	420		10				2
Nashville 3 NW	6011	Washington	2	38 23	89 25	505		49				2
Newark 7 E	6069	Kendall	1	41 32	88 27	707		9				2
New Boston Dam 17	6080	Mercer	4	41 11	91 03	548		14				2
New Boston	6085	Mercer	4	41 10	91 00	571		-				2
New Burnside	6093	Johnson	5	37 35	88 46	560	55	55				1 2 3
Newton	6159	Jasper	7	39 00	88 10	513	6	29				1 2 3
Olney Radio Station	6446	Richland	7	38 42	88 04	472	62	63				1 2 3
Oregon	6490	Ogle	6	42 01	89 20	700		-				[illegible]
Oregon Water Works	6492	Ogle	6	42 01	89 20	702		44				2
Ottawa	6526	La Salle	1	41 22	88 50	474	62	77				1 2 3
Palestine	6558	Crawford	7	39 00	87 37	514	67	68				1 2 3
Pana	6579	Christian	[illegible]	39 23	89 05	696	60	63				1 2 3
Paris Sewage Plant	6605	Edgar	7	39 37	87 41	735		9				2
Paris Water Works	6610	Edgar	7	39 38	87 42	739	58	60				1 2 3
Paw Paw	6661	Lee	1	41 41	88 59	928		37				2
Payson	6670	Adams	4	39 49	91 14	640		-				2
Peoria Lock & Dam	6706	Peoria	1	40 37	89 39	445		10				2
Peoria WB Airport	6711	Peoria	[illegible]	40 40	89 41	654	10	10				1 2 3
Peotone	6725	Will	1	41 20	87 48	722		10				2
Peru	6751	La Salle	1	41 20	89 08			-			Aug.	2
Petersburg	6760	Menard	1	40 01	89 51	524		10				2
Piper City	6819	Ford	1	40 45	88 11	670		2				2
Pittsfield Water Wks	6833	Pike	4	39 39	90 48	724		10				2
Pleasant Hill 2 E	6861	Pike	4	39 27	90 50	540		13				2
Pontiac	6910	Livingston	[illegible]	40 53	88 37	647	51	52				1 2 3
Prairie du Rocher	6973	Randolph	4	38 05	90 06	390		9				2
Princeton 1 S	6996	Bureau	1	41 21	89 28	700		8				2
Princeville 2 NW	7004	Peoria	1	40 57	89 47	745		21				2
Prophetstown	7014	Whiteside	6	41 40	89 56	625		7				2
Quincy	7067	Adams	4	39 57	91 24	601	38	44				1 2 3
Quincy CAA AP	7072	Adams	4	39 56	91 11	670	-	7				1 2 3
Quincy Dam 21	7077	Adams	4	39 54	91 26	483		14				2
Quincy Memorial Bridge	7082	Adams	4	39 56	91 24			-				2
Rantoul Chanute AF Base	7150	Champaign	7	40 18	88 09	744	-	31				1 2 3
Red Bud	7157	Randolph	2	38 13	90 00	444		-				2
Richview	7244	Washington	2	38 22	89 11	544		10				2
Roberts 3 N	7336	Ford	7	40 40	88 11	786	15	39				1 2 3
Rochelle	7349	Ogle	6	41 55	89 04	798		26				2
Rockford	7375	Winnebago	6	42 15	89 05	720	60	77				1 2 3
Rockford 4 NE	7377	Winnebago	6	42 17	88 59	850				May		2 4
Rockford CAA AP	7380	Winnebago	6	42 21	89 03	743	7	7			Dec.	1 2 3
Rockford CAA AP	7382	Winnebago	6	42 12	89 06	734				Dec.		1 2 3
Rock Island Dam 15	7388	Rock Island	4	41 31	90 34	568		29				2
Rockport	7400	Pike	4	39 32	91 00	470		-				2
Rushville	7551	Schuyler	[illegible]	40 07	90 34	683	57	59				1 2 3
Ste Marie	7603	Jasper	7	38 56	88 01	448		-				2
Salem	7636	Marion	2	38 37	88 57	544		35				2
Shawneetown New Town	7859	Gallatin	5	37 43	88 10	350		40				2
Sidell	7952	Vermilion	7	39 55	87 49			-				2
Skokie N S Treat Works	7990	Cook	3	42 01	87 43	600		24				2
Sparta	8147	Randolph	4	38 08	89 42	538	63	63				1 2 3
Springfield WB Airport	8179	Sangamon	[illegible]	39 50	89 40	587	14	14				1 2 3 4
Springfield WB City	8184	Sangamon	1	39 48	89 39	598	70	70				1 2 3
Stickney W S Treat Wks	8278	Cook	1	41 49	87 46	636		22				2
Stockton	8293	Jo Daviess	4	42 21	90 00	1000	-	6				1 2 3
Streator	8353	La Salle	1	41 07	88 50	625		46				2
Sullivan Water Works	8389	Moultrie	[illegible]	39 34	88 37	686		24				2
Sycamore	8452	De Kalb	6	41 59	88 41	840	69	69				1 2 3
Table Grove	8460	Fulton	1	40 22	90 26	734	8	9				1 2 3
Taylorville	8491	Christian	[illegible]	39 33	89 18	634		9				2
Tiskilwa	8604	Bureau	1	41 18	89 30	512		66				2
Toulon	8630	Stark	[illegible]	41 06	89 52	752		8				2
Tuscola	8484	Douglas	7	39 48	88 17	653	-	57				1 2 3
Urbana	8740	Champaign	7	40 08	88 13	743	47	47				1 2 3
Urbana Exp. Farm	8745	Champaign	7	40 06	88 15			-				2
Urbana Engr. Campus	8750	Champaign	7	40 06	88 14	730				Apr.		2 4
Utica Starved Rock Dam	8756	La Salle	1	41 19	88 59	464		9				2
Vandalia	8781	Fayette	[illegible]	38 58	89 07	503		26				2
Virden	8860	Macoupin	1	39 30	89 46	674	-	9				1 2 3
Walnut	8916	Bureau	6	41 33	89 35	714	58	58				1 2 3
Warsaw	8976	Hancock	4	40 21	91 26	490		52				2
Washington	8990	Tazewell	1	40 42	89 24	740		9				2
Waterloo	9002	Monroe	4	38 20	90 09	717		38				2
Waterman	9010	De Kalb	1	41 46	88 46	779		11				2
Watseka	9021	Iroquois	1	40 46	87 44	634	-	59				1 2 3
Waukegan	9029	Lake	3	42 21	87 51	668	27	27				1 2 3
Wayne City	9040	Wayne	7	38 21	98 35	385		-				2
Wenona	9090	Marshall	1	41 03	89 03	700		10				2

‡ Drainage Code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4. Mississippi 5. Ohio 6. Rock 7. Wabash

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
West Frankfort 8 E	9140	Franklin	4	37 54	88 48	480		9				2
Wheaton College	9221	Du Page	1	41 52	88 06	753		22				1 2 3
White Hall 1 E	9241	Greene	1	39 26	90 23	578	59	81				1 2 3
Wilcox	9274	Clay	7	38 38	88 18			-				2
Windsor	9354	Shelby	2	39 26	88 36	685	50	51				1 2 3
Yates City	9816	Knox	1	40 47	90 01					Nov		2

‡ Drainage Code: 1. Illinois 2. Kaskaskia 3. Lake Michigan 4 Mississippi 5. Ohio 6. Rock 7. Wabash

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables

CHANGES IN STATION NAMES

Arlington Heights: Des Plaines 1 NW prior to November 1.

RELOCATIONS AND CHANGES IN EXPOSURE OF INSTRUMENTS

Annawan: Rain gage moved .8 mile northeast of old site on September 5.

Augusta: Rain gage moved .4 mile northeast of old site on August 7.

Barry Water Works: Rain gage moved 1.3 west of old site on February 2.

Barry: Rain gage moved 1.1 mile east of old site on June 1.

Beardstown: Rain gage moved 82 yards east of old site on January 1.

Chester: Rain gage moved 100 feet east and 1/2 mile north of old site on February 15.

Du Quoin: Equipment moved 65 feet south of old site on May 4.

Edelstein: Equipment moved 2.4 miles south of old site on October 24.

Fairfield: Equipment moved .6 mile east of old site on November 21.

Flora: Equipment moved .3 mile north of old site on May 4.

Lanark: Rain gage moved .4 mile southeast of old site on October 19.

Maroa: Rain gage moved .4 mile west of old site on March 16.

Mason City: Rain gage moved .3 mile east of old site on July 21.

McLeansboro: Equipment moved 75 feet northwest of old site on March 25.

Morrison: Equipment moved .1 mile north of old site on May 17.

Mount Vernon 4 N: Equipment moved 4.4 mile north of old site on September 8.

New Boston: Rain gage moved 2 miles southeast of old site on July 1.

Newton: Equipment moved .3 mile north-northwest of old site on November 15.

Oregon: Rain gage moved .6 mile south of old site on May 19.

Tiskilwa: Rain gage moved 2.0 miles west of old site on February 1.

Virdon: Equipment moved .2 mile west of old site on March 18.

Waterman: Rain gage moved .4 mile northwest of old site on October 18.

Washington: Equipment moved .7 mile south-southeast of old site on November 16.

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured on the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

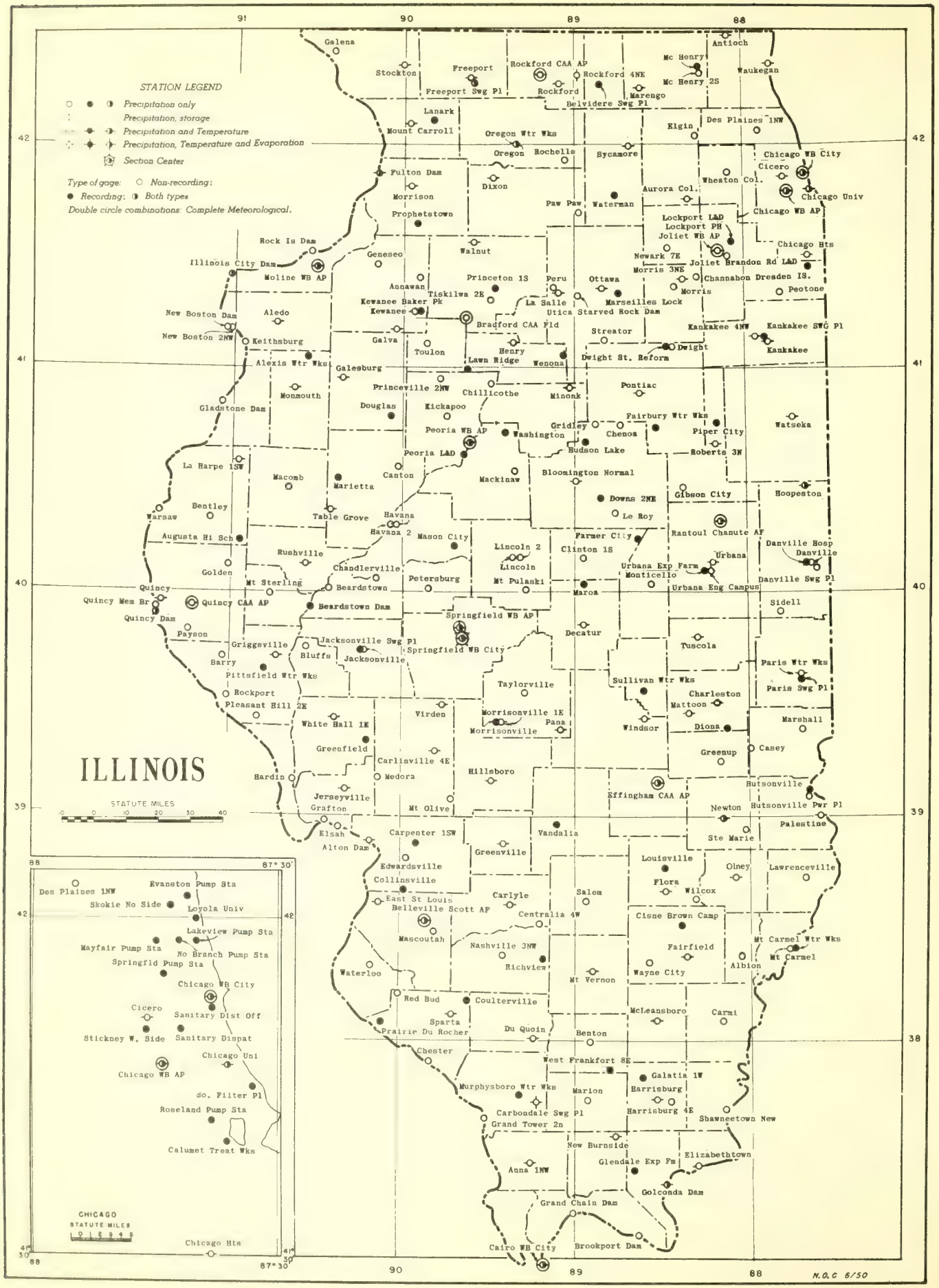
Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- \- No record
- \+ Also later date (dates) or months.
- * Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to full month.
- E Water equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch of water equivalent to every 10 inches of new snowfall.
- M 1 to 9 days' record missing; see monthly Climatological Data for detailed daily record.
- R Station equipped with a recording gage only.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

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W.B.O., Kansas City, Mo. -- 4-19-51 -- 1250


STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage: ○ Non-recording; ● Recording; ◑ Both types
Double circle combinations: Complete Meteorological.
ILLINOIS
STATUTE MILES
Galena
Stockton
Freeport
Freeport Swg Pl
Rockford CAA AP
Rockford 4NE
Rockford
Mc Henry
Mc Henry 2S
Marengo
Belvidere Swg Pl
Antioch
Waukegan
Lanark
Mount Carroll
Oregon Wtr Wks
Oregon
Rochelle
Sycamore
Elgin
Des Plaines 1NW
Chicago WB City
Cicero
Wheaton Col.
Chicago Univ
Fulton Dam
Morrison
Dixon
Aurora Col.
Paw Paw
Waterman
Chicago WB AP
Prophetstown
Lockport L&D
Lockport PH
Joliet WB AP
Rock Is Dam
Walnut
Chicago Hts
Geneseo
Newark 7E
Joliet Brandon Rd L&D
Illinois City Dam
Moline WB AP
Annawan
Princeton 1S
Peru
Ottawa
Morris 3NE
Channahon Dresden IS.
Morris
Peotone
Tiskilwa 2E
Kewanee Baker Pk
Kewanee
La Salle
Marseilles Lock
Utica Starved Rock Dam
New Boston Dam
Aledo
Bradford CAA Fld
Streator
Kankakee 4NW
Kankakee SWG Pl
New Boston 2NW
Keithsburg
Galva
Toulon
Henry
Dwight
Dwight St. Reform
Kankakee
Alexis Wtr Wks
Galesburg
Lawn Ridge
Wenona
Princeville 2NW
Chillicothe
Minonk
Pontiac
Monmouth
Gladstone Dam
Douglas
Kickapoo
Fairbury Wtr Wks
Watseka
Peoria WB AP
Washington
Gridley
Chenoa
Piper City
Peoria L&D
Hudson Lake
Roberts 3N
La Harpe 1SW
Macomb
Marietta
Canton
Mackinaw
Bloomington Normal
Gibson City
Hooperston
Bentley
Warsaw
Table Grove
Havana
Havana 2
Downs 2NE
Le Roy
Augusta Hi Sch
Mason City
Farmer City
Rantoul Chanute AF
Danville Hosp
Danville
Rushville
Lincoln 2
Clinton 1S
Urbana
Golden
Chandlerville
Lincoln
Urbana Exp Farm
Monticello
Mt Sterling
Petersburg
Mt Pulaski
Urbana Eng Campus
Danville Swg Pl
Quincy
Beardstown
Maroa
Quincy Mem Br
Quincy CAA AP
Beardstown Dam
Sidell
Quincy Dam
Springfield WB AP
Payson
Decatur
Griggsville
Jacksonville Swg Pl
Springfield WB City
Tuscola
Bluffs
Jacksonville
Barry
Paris Wtr Wks
Pittsfield Wtr Wks
Sullivan Wtr Wks
Paris Swg Pl
Taylorville
Rockport
Charleston
Pleasant Hill 2E
Mattoon
Virden
Morrisonville 1E
White Hall 1E
Pana
Windsor
Diona
Marshall
Morrisonville
Greenfield
Carlinville 4E
Greenup
Casey
Hardin
Medora
Hillsboro
Hutsonville
Jerseyville
Effingham CAA AP
Grafton
Mt Olive
Newton
Hutsonville Pwr Pl
Palestine
Elsah
Alton Dam
Carpenter 1SW
Vandalia
Ste Marie
Greenville
Louisville
Olney
Lawrenceville
Edwardsville
Flora
Wilcox
Collinsville
East St Louis
Belleville Scott AF
Carlyle
Salem
Centralia 4W
Cisne Brown Camp
Mascoutah
Fairfield
Mt Carmel Wtr Wks
Nashville 3NW
Mt Carmel
Albion
Richview
Waterloo
Wayne City
Mt Vernon
Red Bud
Coulterville
McLeansboro
Carmi
Sparta
Prairie Du Rocher
Du Quoin
Benton
Chester
West Frankfort 8E
Galatia 1W
Murphysboro Wtr Wks
Marion
Harrisburg
Carbondale Swg Pl
Harrisburg 4E
Shawneetown New
Grand Tower 2n
New Burnside
Elizabethtown
Glendale Exp Fm
Anna 1NW
Golconda Dam
Grand Chain Dam
Cairo WB City
Brookport Dam
Des Plaines 1NW
Evanston Pump Sta
Skokie No Side
Loyola Univ
Lakeview Pump Sta
Mayfair Pump Sta
No Branch Pump Sta
Springfld Pump Sta
Chicago WB City
Cicero
Sanitary Dist Off
Stickney W. Side
Sanitary Dispat
Chicago Uni
Chicago WB AP
do. Filter Pl
Roseland Pump Sta
Calumet Treat Wks
Chicago Hts
CHICAGO
STATUTE MILES
N.O.C 6/50